

# GRAIN DEALERS' JOURNAL

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# Directory of the Grain Trade

In Organized Markets Only Members of the Local Grain Exchange Will Be Listed.

## AMARILLO, TEX.

Barly Grain & Elev. Co., whol. grain, hay, seed.

## ATCHISON, KANS.

Blair Elevator Co., receivers and shippers.

## ATLANTA, GA.

Gregg & Son, J., wholesale brokers, grain, hay.\*

## AUGUSTA, GA.

Lamb & Hollingsworth, flour, grain, provisions.

## BALTIMORE, MD.

Chamber of Commerce Members.

Baltimore Commission Co., grain commission.  
Blackburn & Co., C. P., grain recvrs., exporters.\*  
Clark & Sons, Thos. S., grain receivers.\*  
England & Co., Chas., grain, hay.\*  
Fahey & Co., John T., gr'n receivers and expts.\*  
Frame Knight & Co., commission merchants.  
Gill & Fisher, receivers and shippers of grain.  
Hammond, Snyder & Co., Inc., receivers, expts.\*  
Mar & Co., G. A., grain, hay, seeds.\*  
Herzer & Son, Gustav, grain, seeds, hay.  
Jones & Co., H. C., grain and hay.\*  
Kirwan Bros. Grain Co., grain and hay.\*  
Lederer Bros., grain receivers.\*  
Manger & Co., J. A., grain, seeds, hay.\*  
Muller Co., Louis, receivers and exporters.\*  
Pitt Bros. & Co., receivers and exporters.\*  
Robinson & Jackson, grain receivers.\*  
Steen & Bro., E., hay & grain.\*

## BATTLE CREEK, MICH.

McLane, Swift & Co., grain buyers.\*

## BERNE, IND.

Egley, C. G., grain, hay and seeds.

## BINGHAMTON, N. Y.

Empire Grain & Eltr. Co., grain feed shippers.

## BLACKWELL, OKLA.

Bentke Bros., hay, grain and alfalfa meal.

## BLOOMINGTON, ILL.

Baldwin Grain Co., brokers.  
Hasenwinkle Grain Co., brokers.  
Slick & Co., L. E., buyers and shippers.

## BOSTON, MASS.

Chamber of Commerce Members.

Bennasquin, Matthew D., grain, brokerage, com'n.  
Jordan, A. W., grain broker.  
McLean Alpine Co., The, hay and grain.  
Ranlet Co., The D. W., grain and millfeed.  
Ronald, Thos., grain broker, export and domestic.

## BOURBON, IND.

Dolp Grain Co., E. E., grain and mill feeds.

## BOZEMAN, MONT.

Benepe-Berglund Grain Co., Mont., oats & barley.

## BUFFALO, N. Y.

Corn Exchange Members.

Alder-Stofer Grain Co., grain commission.\*  
Buffalo Cereal Co., grain.\*  
Churchill Grain & Seed Co., buyers, shippers.\*  
Eastern Grain Co., grain commission.\*  
Electric Grain Elevator Co., receivers and shippers.  
Harold, A. W., grain, barley a specialty.  
Heathfield, W. G., strictly commission.  
Irwin, Dudley M., barley.  
Pratt & Co., grain commission.\*  
Spann Grain Co., O. G., gn. com., bar'y a spec'ly.  
Townsend-Ward Co., grain commission.\*  
Waters, Henry D., grain commission.  
Whitney Eckstein Seed Co., seeds.

## BUSHNELL, ILL.

Cole, G. W., grain broker.

## CAIRO, ILL.

Board of Trade Members.

Antrim & Co., H. S., receiver and shipper.\*  
Halliday Elevator Co., corn, oats.\*  
Halliday Mfg. Co., H. L., soft, red winter wheat.  
Magee Grain Co., grain.\*  
Thistlewood & Co., grain and hay.

## CEDAR RAPIDS, IA.

Cedar Rapids Grain Co., receivers and shippers.

## CHAMPAIGN, ILL.

Baldwin & Co., H. L., grain brokers.  
Edwards, A. H., grain broker.  
Tankersley & Co., grain brokers.

## CHICAGO, ILL.

Board of Trade Members.

Anderson & Co., W. P., receivers & shippers.\*  
Armour Grain Co., grain buyers.\*  
Bailey & Co., B. W., grain commiss'n merchants.\*  
Barrell & Co., Finley, grain, stocks, provisions.\*  
Bennett & Co., Jas. E., receivers, shippers.\*  
Carhart-Code-Harwood Co., grain commission.  
Crighton & Laster, grain commission.\*  
Delany, Frank J., grain commission merchant.  
Dickinson Co., The, Albert, seeds.  
Dole & Co., J. H., grain and seeds.\*  
Elmore, Squire & Co., receivers and shippers.  
Fitch & Co., Walter, W. K. Mitchell, Mgr.\*  
Fraser Co., W. A., grain commission.\*

## CHICAGO—Continued.

Freeman & Co., Henry H., grain, hay, straw.  
Gerstenberg & Co., grain, seeds.\*  
Griffin & Co., J. P., grain commission.  
Hately Bros., grain and provisions.  
Hoit & Co., Lowell, commission, grain and seeds.  
Hooper Grain Co., receivers, grain consignments.  
Kempner Co., Adolph, grain, shippers.\*  
Lamson Bros. & Co., consignments solicited.\*  
Mann, G. S., seed bkr., field seeds, poultry grain.  
McKenna & Rodgers, commission merchants.\*  
Merrill & Lyon, commission merchants.\*  
Merritt Co., W. H., grain, seeds.\*  
Mumford & Co., W. R., hay & grain commission.  
Nash-Wright Grain Co., grain, prov., seeds.  
Paynter, H. M., grain and field seeds.  
Perrine & Co., W. H., grain and commission.  
Press & Co., W. G., grain, provisions, stocks, etc.  
Rang & Co., Henry, grain commission.  
Requa Brothers, grain commission.\*  
Rogers & Bro., H. W., grain and seeds.  
Rogers Grain Co., buyers and shippers.  
Rosenbaum Bros., receivers, shippers.\*  
Rumsey & Company, grain commission.\*  
Sawyers Grain Co., grain commission.\*  
Schiffin & Co., P. H., commission.\*  
Shaffer & Co., J. C., buyers and shippers.\*  
Sincere & Co., Chas., N. Y. stocks, Chicago grain.  
Somers, Jones & Co., grain and field seeds.\*  
Thayer & Co., Clarence H., commission.  
Udlike Commission Co., grain commission.\*  
Wagner Co., E. W., receivers and shippers.\*  
Ware & Leand, grain, seeds.  
Wilson & Co., B. S., grain commission.  
Wright & Co., Jno. F., commission merchants.

## CHICKASHA, OKLA.

Farrington, J. E., Seed House, seed corn.

## CINCINNATI, O.

Chamber of Commerce Members.

Allen & Munson, grain, hay, flour.\*  
Bender, A., grain, brokerage & Com'n.  
Brown & Co., W. L., receivers and shippers.  
Cincinnati Grain Co., commission merchants.  
Early & Daniel Co., grain and hay.\*  
Ellis & Fleming, grain and hay.\*  
Gale Bros. Co., grain, hay, feed.\*  
Gray, Ralph, receiver & shipper.  
Loudon & Co., grain commission.  
Richter Gr. Co., grain, hay, flour and feed.  
Trent Milling Co., receivers & shippers.  
Van Leunen & Co., Paul, grain consignments.  
Whitcomb & Root, hay, grain and mill feed.

## CLEVELAND, O.

Abel Bros., hay, grain, feed.  
Bailey, E. L., grain and millfeed.\*  
Bennett, W. A., receivers grain, hay & millfeed.  
Cleveland Grain Co., The, receivers and shippers.\*  
Gates Elevator Co., grain, hay, straw.\*  
Sheets Bros. Eltr. Co., The, grain, hay, straw.  
Star Eltr. Co., receivers, grain, hay, straw.  
Strauss & Co., H. M., grain, seeds, hay.\*  
Union Elevator Co., grain, hay and salt.\*

## COLORADO SPRINGS, COLO.

Seldomridge Grain Co., grain dealers.

## COLUMBUS, O.

Felty, A., track buyer & shipper, grain & hay.  
Scott & Woodrow Co., carlot shippers grain & hay.  
Stritmatter, Edward, grain merchant.

## CRAWFORDSVILLE, IND.

Crabbs-Keynolds-Taylor Co., grain, seeds.\*

## CROWLEY, LA.

Lawrence Bros. Co., Ltd., grain, seed and feed.

## CUMBERLAND, MO.

Marley & Co., grain and hay distributors.

## DALLAS, TEX.

Moss, C. L., buyer and ship'r, grain, hay, millfeed.

## DANVILLE, ILL.

McConnell, B. B., grain dealer.

## DAVENPORT, IOWA.

Rothschild Grain Co., D., grain merchants.\*

## DECATUR, ILL.

Baldwin & Co., H. I., grain brokers.

## DENVER, COLO.

Ady & Crowe Mercantile Co., grain, hay.\*  
Crescent Mill & Eltr. Co., flour and grain.  
Longmont Farmers Mill & Eltr. Co., flour, grain.  
Scott, E. E., broker grain, cottonseed meal, bags.  
Thompson Merc. Co., W. F., hay and grain.

## DES MOINES, IA.

Lockwood Grain Co., B. A., grain & millfeeds.

## DETROIT, MICH.

Board of Trade Members.

Dumont, Roberts & Co., receivers, shippers.\*  
Hart Grain Co., recvrs. & shippers, grain beans.  
Hobart, H. M., grain, hay and millfeeds.\*  
Lapham & Co., J. S., recvrs. & shippers of grain.\*  
Simmons & Co., F. J., grain recvrs. & shippers.\*

## DILLON, MONT.

Dillon Grain Co., grain, flour, feed and hay.

## DIXON, ILL.

Forrest Utley Co., grain, millfeed and screenings.

## DULUTH, MINN.

Turle & Co., grain commission.

## EL RENO, OKLA.

El Reno Mill & Eltr. Co., grain buyers & shippers.

## EVANSVILLE, IND.

Small & Co., W. H., field seeds, grain and hay.

## FAIRBURY, ILL.

Keller, Emil, grain broker and track buyer.

## FORT WORTH, TEX.

Board of Trade Members.

Kolp, E. R. & D. C., grain and seed dealers.\*  
Terminal Grain Co., receivers, shippers.  
Werner Wilkens Grain Co., receivers & shippers.

## FRANKFORT, IND.

Frank & Co., Wm., grain brokers.

## GALVESTON, TEX.

Board of Trade Members.

Fordtran, J. S., grain commission merchant.  
Jockusch, Davison & Co., grain, hay exporters.  
Wisrodt Grain Co., wholesale grain eltr. facilities.

## GREENVILLE, O.

Grubbs Grain Co., E. A., track buyers.\*

## HARRISBURG, PA.

Harrisburg Feed & Gr. Co., grain, feed, hay.

## INDIANAPOLIS, IND.

Board of Trade Members.

Bassett Grain Co., grain merchants.\*  
Boyd, Bert A., The Indianapolis commission man.  
Coppock, J. F., grain and hay, car lots.\*  
Capitol Grain Co., grain commission.  
Hoosier Grain Co., specialty yellow corn.  
Jackson Grain Co., Cary, receivers & shippers.  
Jordan & Montgomery Co., wholesale grain.  
Kinney Grain Co., H. E., receiver and shipper.\*  
Minor, B. B., grain consignments solicited.  
Mutual Grain Co., grain commission.  
Stebbins-Witt Grain Co., commission & brokerage.

## JACKSON, MICH.

Sheldon, Willis E., track buyer of grain.\*  
Stockbridge Elevator Co., grain, beans, hay.\*

## JACKSONVILLE, FLA.

Wiggs & Co., W. A., hay, grain and mill stuffs.\*

## JACKSONVILLE, TEX.

Reinhardt & Co., grain, flour, hay and feed.

## KANSAS CITY, MO.

Board of Trade Members.

Adams Commission Co., receivers and shippers.  
Beach Grain Co., grain commission.  
Benton Grain Co., screenings and seeds.  
Christopher & Co., B. C., grain and seeds.\*  
Davis & Co., A. C., grain commission.\*  
Ernst-Davis Grain Co., commission.\*  
Fisher Com. Co., E. D., grain commission.\*  
Goffe & Oarkener, recvrs. and ships. of grain.\*  
Gregg Grain Co., Mason, commission merchants.  
Hinds & Lint Grain Co., receivers, shippers.  
Lichtig Gr. Co., Henry, screenings, kafir corn, feed.  
Moore-Seaver Grain Co., receivers and shippers.\*  
Moore-Lawless Grain Co., grain receivers.  
Moose Grain Co., barley a specialty.  
Murphy Grain Co., strictly commission.\*  
Norris Grain Co., grain merchants and exporters.  
Roaben-Cary Grain Co., grain, flour, millfeed.\*  
Steele & Co., H. H., grain and seeds.\*  
Thresher Fuller Grain Co., grain commission.\*  
Vanderslice-Lynds Co., grain commission.

## KENTLAND, IND.

McCray, Morrison & Co., track buyers.\*

## LA FAYETTE, IND.

Helmlinger, F. G., track buyer of grain.

## LINCOLN, NEB.

Lincoln Grain Co., receivers, shippers.

## LITTLE ROCK, ARK.

Gordy Co., C. L., grain and millfeed brokers.  
Hayes Grain & Com. Co., grain, hay, millfeeds.

## LOUISVILLE, KY.

Board of Trade Members.

Bingham-Hewett Grain Co., recrs. & shprs. grain.\*  
Brandels & Son, A., receivers & shippers of grain.  
Callahan & Sons, grain.\*  
Edinger & Co., grain, hay, flour.  
Farmer & Sons, Oscar, hay and grain.  
Fruechtenicht, Henry, grain & hay.  
Schuff & Co., A. C., grain & hay.  
Thomson & Co., W. A., corn, oats & rye.  
Verhoeff & Co., H., receivers and shippers grain.\*  
Zorn & Co., S., grain.\*

## LYNCHBURG, VA.

Moon & Le Grand, grain and hay brokers.  
Owen & Jennings, brokers.

## MCGREGOR, TEX.

McGregor Mfg. & Gr. Co., Sante Fe, gra., seeds.



# Directory of the Grain Trade

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## MEMPHIS, TENN.

### Merchants Exchange Members.

Brown & Co., W. P., wholesale grain & hay.\*  
Buxton, E. E., broker and commission merchant.  
Davis & Andrews Co., grain dealers.\*  
Horton, J. B., & Co., grain and hay commission.\*  
Jones, Lee D., grain and hay commission.\*  
Jones & Rogers, grain dealers.\*  
McLaughlin Coal & Grain Co., grain and hay.\*  
Moon & Co., W. D., receivers and shippers.  
Patterson & Co., G. E., receivers and shippers.\*  
Rainer, Connell & McFadden, grain, hay, millfeed.  
Scruggs, Robinson & Co., grain, hay and mill f'ds.  
Wade & Sons, John, grain, hay and commission.\*  
Webb & Maury, grain and hay.\*  
Wyatt, E. W., grain and millfeed broker.

## MERCER, MO.

Alley-Staff Grain Co., oats, corn, wheat, seeds.\*

## MIDDLE POINT, OHIO.

Pollock Grain Co., grain, hay and straw.

## MILWAUKEE, WIS.

### Chamber of Commerce Members.

Bartlett & Son Co., L., grain commission.  
Bell & Co., W. M., grain and seeds.\*  
Courteen, S. G., field seeds.  
Deutsch Co., Herman, shippers grain, flour, feed.  
Dingwall Co., C. E., grain, feed and screenings.  
Donahue-Stratton Co., grain, feed, mlg. wheat.\*  
Fage & Taylor, grain merchants.\*  
Frankie Grain Co., grain and feed.  
Johnstone & Templeton, grain commission.  
Kamm & Co., P. C., barley and rye.\*  
Lauer & Co., J. V., grain commission.  
Mereness & Potter Co., grain commission.  
Owen & Brother Co., grain commission.  
Owen & Co., O. C., grain commission merchants.  
Rialto Elvtr. Co., grain receivers & shippers.  
Stacks & Kellogg, grain merchants.  
Wissbeck-Grunwald Co., grain and feed.

## MINNEAPOLIS, MINN.

### Chamber of Commerce Members.

Benson-Newhouse-Stabeck Co., grain commission.  
Brown & Co., E. A., commission.  
Cargill Commission Co., grain commission.  
Carter, Sammis & Co., grain commission.  
Davies & Co., F. M., grain commission.  
Fraser-Smith Co., grain commission.  
Getchell-Tanton Co., grain commission.  
Gould Elevator Co., grain merchants.  
Hankinson & Co., H. L., grain commission.  
Marfield-Tearse Co., grain commission.  
McCaull Dinsmore Co., consignments solicited.\*  
Minneapolis Seed Co., field seeds.  
Murfin, George W., strictly grain commission.  
Nye, Jenks & Co., grain commission.  
Poehler Company, H., grain commission.\*  
Quinn Sheperdson Co., grain commission.  
Rhieldaffer Co., J. H., grain commission merchants.  
Turtle & Co., grain commission.  
Van Dusen-Harrington Co., grain merchants.\*  
Welch Co., E. L., grain commission.  
Wernli-Anderson Co., grain commission.

## MONROE, O.

Kyle & Rodgers, buyers and shippers of grain.

## MONTGOMERY, ALA.

Dahlberg Brokerage Co., Inc., brokers and dealers.

## NASHVILLE, TENN.

### Grain Exchange Members.

Hughes Warehouse & Eltr. Co., grain.  
Rose, Caswell E., corn, oats, hay.

## NEWARK, N. J.

Smith & Wallace Co., J. C., receivers, shippers.

## NEW CASTLE, PA.

Hamilton, C. T., buyer & shipper grain, feeds, hay.

## NEW ORLEANS, LA.

### Board of Trade Members.

Benedict Com.Co.,Ltd.recvrs.shippers.exptrs hay & gr.  
Langenberg Hay & Grain Co., hay, grain, millfeeds.

## NEW YORK CITY.

### Produce Exchange Members.

Cushing & Brandt, grain commission, buyers.\*  
Forbell & Co., L. W., grain commission.  
Morey Co., L. A., grain brokers.\*  
Robinson, G. B., Jr., grain and millfeeds.  
Schwartz, B. F., brokerage and commission.\*  
Ulrichs & Hebert, grain commission and brokers.

## NORFOLK, VA.

Cofer & Co., J. H., wholesale grain.  
Scott & Co., Inc., S. D., wholesale hay & grain.

## OGDEN, UTAH.

Smurthwaite Co., C. A., rcvrs. & shprs., gr. & hy.

## OKLAHOMA CITY, OKLA.

Hanna Grain Co., grain, hay, seeds, alfalfa meal.  
Kolp, E. R. & D. C., grain and seed dealers.  
Perkins, W. L., grain and seed dealers.  
Robey Grain Co., R. E., grain broker.

## OMAHA, NEB.

### Grain Exchange Members.

Beal-Vincent Grain Co., receivers, shippers.\*  
Cavers Elevator Co., receivers and shippers.\*  
Crowell Lumber & Grn. Co., rcvrs., shippers.\*  
Holmquist Eltr. Co., receivers and shippers.  
Huntley Com. Co., receiver and shipper of grains.  
Hynes Grain Co., receivers and shippers of grain.  
Imperial Mlg. Co., grain consignments.  
Merriam Commission Co., consignments.  
Missouri Valley Elvtr. Co., grain merchants.  
Middle-West Elevator Co., receivers and shippers.  
Nebraska-Iowa Grain Co., receivers & shippers.\*  
Omaha Elevator Co., receivers, shippers.\*  
Roberts Grain Co., grain commission.  
Saunders-Westrand Co., shippers of grain.  
Taylor Grain Co., receivers and shippers.\*  
Thresher, E. R., grain broker.  
United Grain Co., grain commission.  
Weekes Grain Co., receivers and shippers of grain.  
Welsh Grain Co., grain and hay commission.

## PENSACOLA, FLA.

Bonacker Bros., brokers, grain, hay and millfeed.\*

## PEORIA, ILL.

### Board of Trade Members.

Arnold & Co., F. W., grain consignments solicited.  
Buckley, Pursley & Co., grain and seeds.\*  
Dewey & Sons, W. W., grain commission.  
Feltman, C. H., grain commission.  
Miles, P. B. & C. C., grain commission.\*  
Rumsey, Moore & Co., grain receivers.\*  
Tyng, Hall & Co., grain commission.\*

## PERRY, OKLA.

Perry Mill Co., wholesale dealers in grain.

## PHILADELPHIA, PA.

### Commercial Exchange Members.

Baringer, M. F., grain and millfeed.\*  
Brazier, W. P., Mgr., Finley Barrell & Co.  
Clemmer, A. B., grain and feed broker.\*  
Delp Grain Co., E. E., grain and millfeeds.\*  
Dunwoody Co., Ezl., flour, grain, feed.\*  
Fraser, C. C., grain and feed broker.  
Lemont & Son, E. K., hay, grain millfeed.\*  
Miller & Sons, L. F., grain, seeds, hay.\*  
Pultz & Co., J. B., grain and feed.\*  
Richardson Bros., grain, flour, millfeeds.\*  
Rogers & Co., E. L., grain, hay.\*  
Standard Hay & Grain Co., grain, hay & straw.  
Stites, A., Judson, grain and millfeed.

## PIQUA, OHIO.

Kress Co., The Harry W., track buyers, gr. & hay.\*  
Spencer & Miller, grain, feed and seeds.

## PITTSBURG, PA.

Elwood & Co., R. D., hay and grain.  
Foster, C. A., grain, hay, feed.\*  
Geldel & Dickson, grain and hay.  
Hardman & Heck, grain, hay and millfeed.  
Heck & Co., W. F., grain, hay and millfeed.  
Herb Bros. & Martin, grain, hay and feed.  
McCaffrey's Sons Co., Daniel, hay, grain, millfeed.  
McCague, R. S., grain, hay.\*  
Smith & Co., J. W., grain, hay, feed.  
Stewart, D. G., & Geldel, grain, hay and feed.  
Walton Co., Sam'l., grain and hay.

## PLAINVIEW, TEX.

Cobb & Elliott Grain Co., grain, seeds, coal, etc.

## PUEBLO, COLO.

Cessna Gr. & Flour Co., P. A., grain, hay & flour.  
McClelland Mc'l I. & R. Co., grain, hay & feed.

## RICHMOND, VA.

Fairbank & Co., S. G., grain, hay, seeds.

## SAN ANTONIO, TEXAS.

Lupton, R., whol. grain & cottonseed products.

## SIOUX CITY, IOWA.

### Board of Trade Members.

Fahlenkamp Grain Co., A., grain commission.  
Fields & Slaughter Co., grain, hay and feed.  
Interstate Grain Co., buyers and shippers.

## ST. JOSEPH, MO.

Gordon Comm. Co., T. P., grain dir. and broker.\*

## ST. LOUIS, MO.

### Merchants Exchange Members.

Adams Commission Co., G. A., grain commission.  
Botto Grain Co., Jno. V., receivers & shippers.  
Carlisle Comm. Co., S. S., receivers and shippers.  
Connor Bros. & Co., grain.\*  
Eaton, McClellan Com. Co., grain and hay.  
Goffe & Carkener Co., grain commission.\*  
Green Commission Co., W. L., grain.\*  
Kennedy Grain Co., receivers, shippers.  
McClelland & Co., F. M., grain and hay.  
Morton & Co., grain, hay and seeds.  
Mullally Com. Co., John, grain, hay, seeds.\*  
Nanson Commission Co., grain commission.\*  
Pendleton Grain Co., grain merchants.  
Picker & Beardsley Com. Co., grain & grass seed.\*  
Powell & O'Rourke, receivers, shippers.\*  
Toberman, Mackey & Co., consignments solicited.

## TERRE HAUTE, IND.

Kuhn & Co., Paul, receivers and shippers.\*

## TOLEDO, O.

### Produce Exchange Members.

DeVore & Co., H. W., grain and seeds.  
Goemann Grain Co., grain buyers.\*  
King & Co., C. A., grain, clover seed.\*  
Southworth & Co., grain commission.\*  
The Toledo Field Seed Co., clover, timothy.  
Wickenhiser & Co., John, rcvrs. & shippers. of gr.  
Zahm & Co., J. F., grain, seeds.\*

## TOPEKA, KAN.

Jolley & Blanchard, grain merchants.

## TORONTO, ONT.

Steele, Briggs Seeds Co., Ltd., field seeds.

## TRINIDAD, COLO.

Bancroft-Marty Feed & Produce Co., hay & grain.

## TYRONE, PA.

Miller's Sons, John H., receivers and shippers.

## WASHINGTON, D. C.

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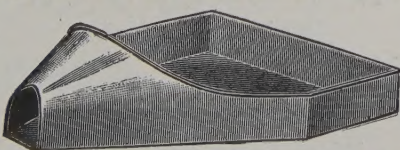
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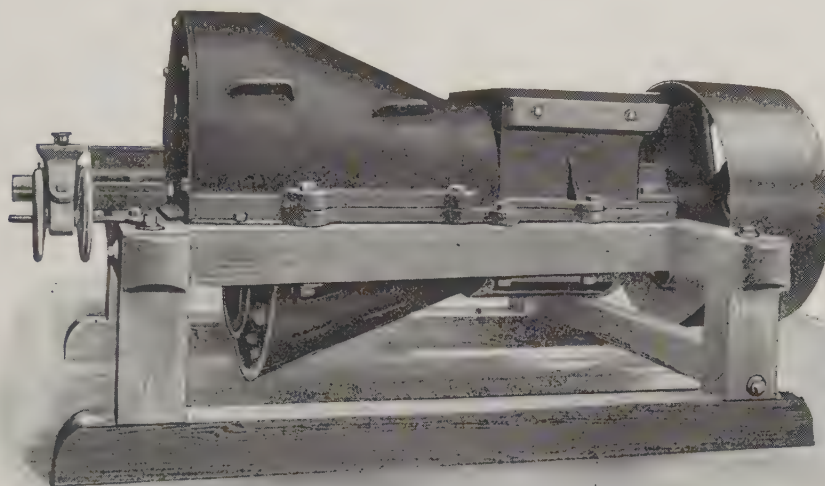
The Victor Corn Sheller shells the corn.

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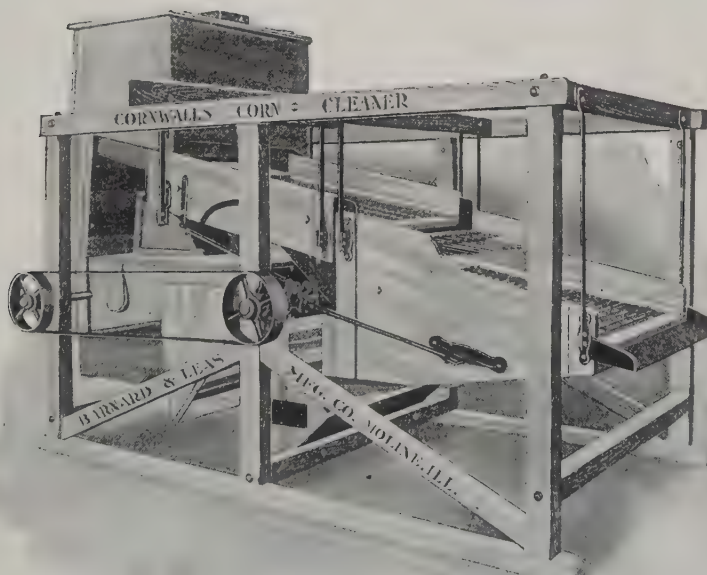
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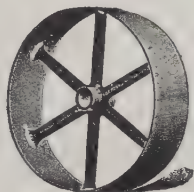
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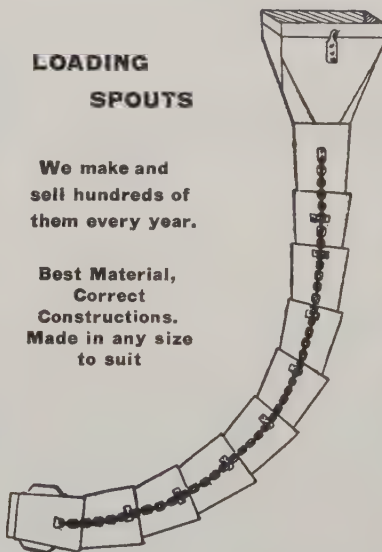
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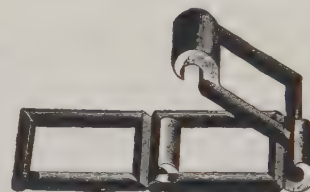
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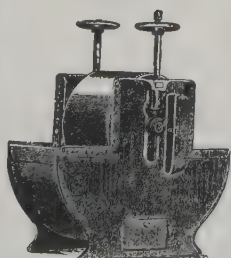
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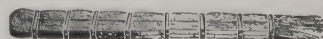
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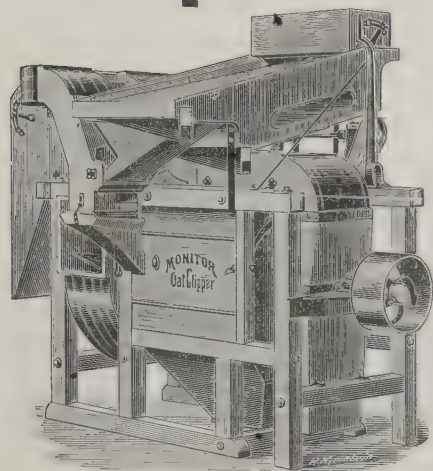
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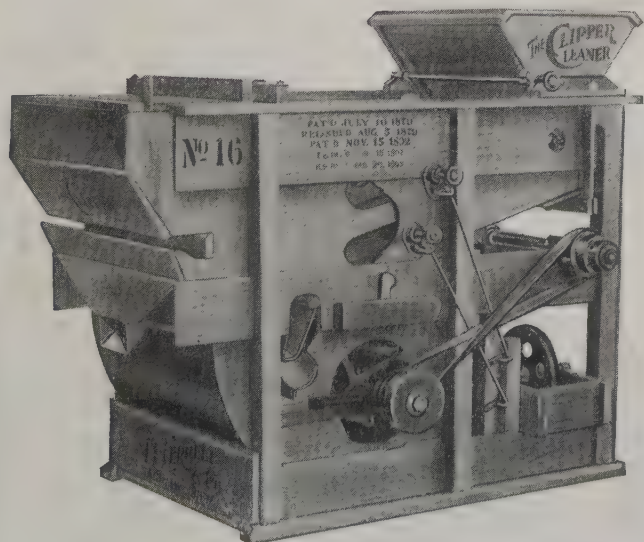
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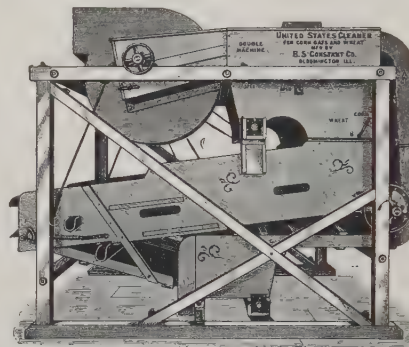
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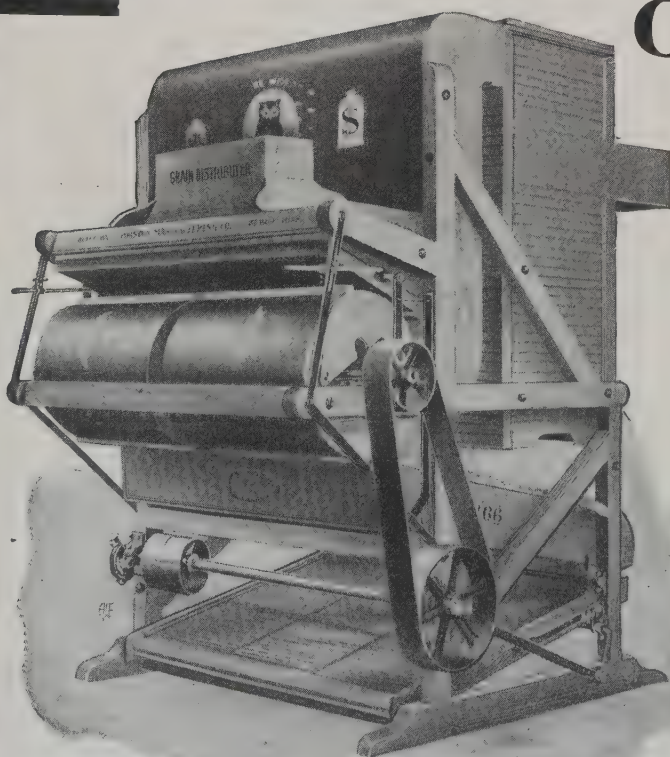
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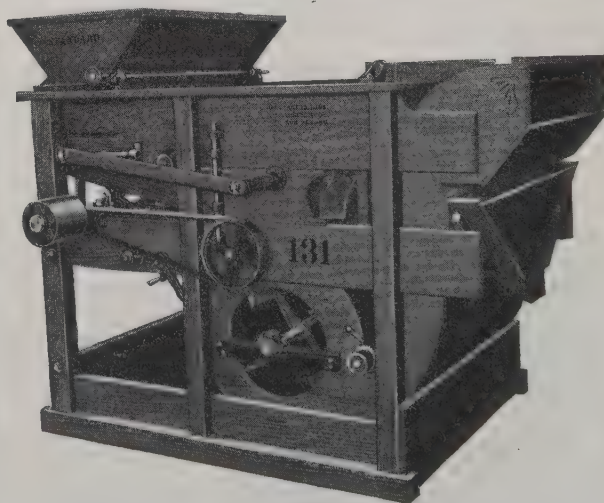
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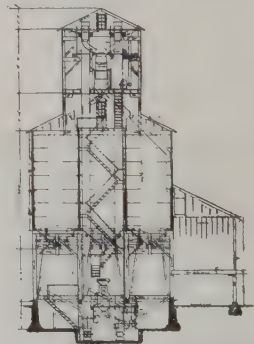
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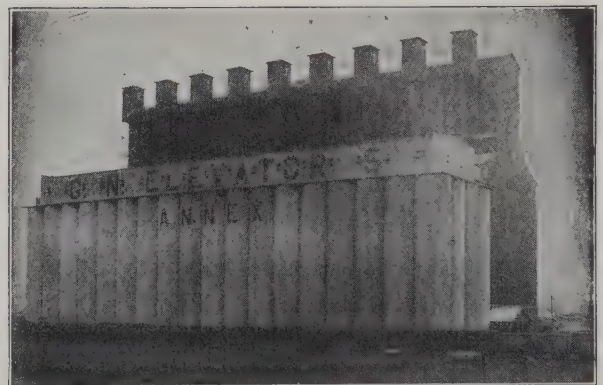
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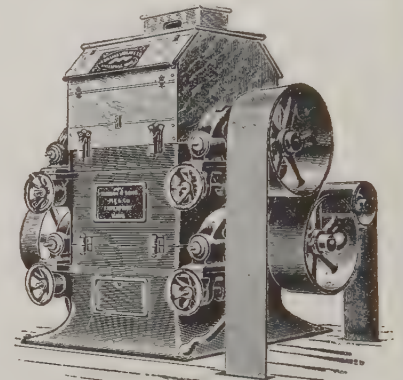
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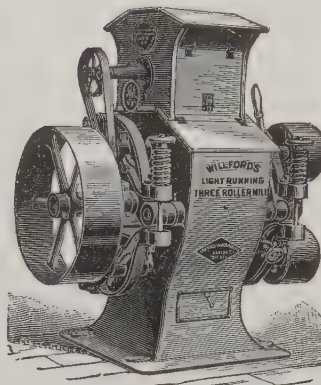
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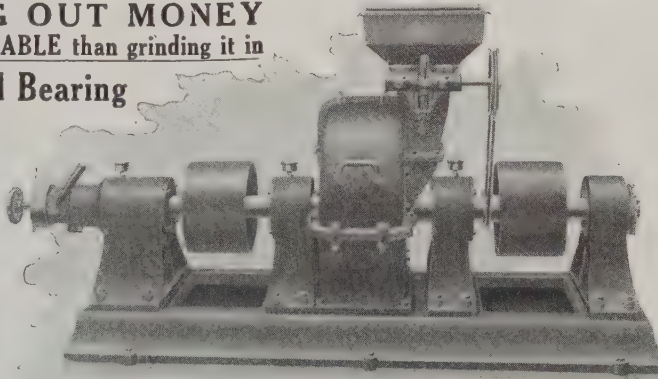


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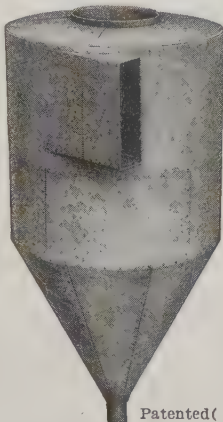
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Cyclone Dust Collectors, Automatic Furnace Feeders, Steel Plate Exhaust Fans, Exhaust and Blow Piping.

Complete systems designed, manufactured, installed and guaranteed. Old systems remodeled on modern lines on most economical plans. Supplementary systems added where present systems are outgrown. Defective systems corrected and put in proper working order.

High and Low Speed Systems

1001-1015 W. 21st St., cor. Morgan St. CHICAGO, ILL.



Patented

"The per cent of loss saved by the '1905' over the old 'Cyclone' is from 71 1/2% to 80%. These losses are due to dust collector friction and take into consideration nothing but the Collector."—The Mechanical Engineering Dept., University of Michigan.



THE  
"New  
Cyclone  
1905"

Manufactured Exclusively by  
The Knickerbocker Co.  
JACKSON, MICH.

## SECOND-HAND

Shellers, Cleaners, Clippers, Scales, Feed Mills, Steam Engines, Boilers, Gasoline Engines, Belting, Buckets, Conveyors or any other elevator machinery can be bought or sold quickly by placing an ad. in the "Wanted" or "For Sale" columns of the

GRAIN DEALERS JOURNAL  
OF CHICAGO.



## CAR-LINING BURLAP

To prevent leakage of grain, line cars with "Milwaukee Burlap"—it will save you dollars and trouble. Write for prices and samples.

MILWAUKEE BAG CO., Milwaukee, Wis.



## REALIZATION

On The Installation

OF A

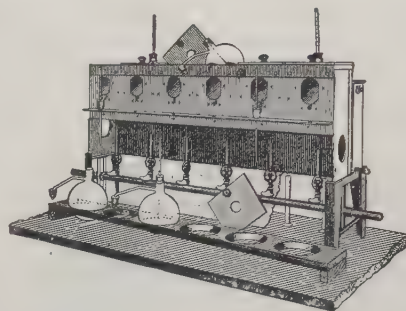
BROWN & DUVEL'S

## Moisture Tester

does not necessarily mean a promotion in the conducting of your business, but a large profit on a small investment.

YOUR tester—Saving on one car pays for it—Simple in operation—Accepted as standard by the U. S. Government—Guaranteed to register perfect.

Don't wait until you lose money to purchase one. Buy one NOW and make money. Our descriptive price catalog shows how. Want it? Write—



The Kny Scheerer Co.,

Department of Laboratory Supplies  
404-410 West 27th St., New York, U. S. A.

## FLEXIBLE LOADING SPOUTS

CLAUS-BLAND MFG. CO.

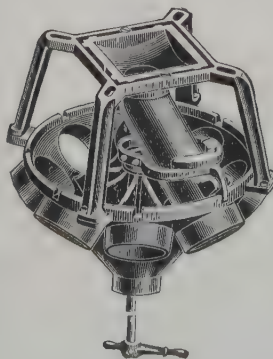
Successors to

Grain Dealers Supply Co.

1208 South Fourth Street  
Minneapolis, Minn.

WRITE FOR PRICES ON  
EVERYTHING FOR THE ELEVATOR

Testing Sieves,  
Elevator Caps,  
Belting,  
Pulleys,  
Sprockets,  
Bearings,  
Conveyer  
Shafting,  
Batteries,  
Etc., Etc.



No one thing has done so much to perfect the modern grain elevator along economic lines as the

Hall Signaling Grain Distributor

**HALL SPECIAL**  
(ELEVATOR LEG)

is introduced because it is a necessity.

It supplements the Hall Signaling Non-Mixing Distributor, and Hall Non-Chokable Boot, and includes them both.

It makes a perfect operating leg, unhampered and unhindered by any part of its equipment or functions.

It is a right move.

Good features here and there, among bad ones, is not perfection. You want the full benefit of the good by eliminating all the bad.

That is what the HALL SPECIAL does.

Hall Distributor Co., 222 Ramge Bldg., Omaha, Neb.



**M. M. BAKER & CO.**100 to 110 Harrison Street  
PEORIA, ILL.**Belting Packing**

Hose, Chain, Wire Rope

**Elevator Supplies**

PROMPT SHIPMENTS

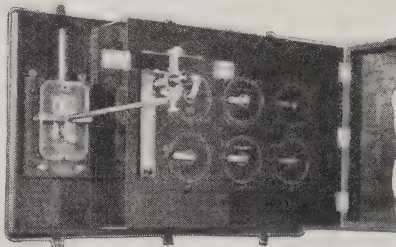
144 page catalogue sent on request

**IF I HAD ONLY KNOWN**

that there was a hot journal, I'd have saved money. Why not know? The

**AUTOMATIC  
HOT JOURNAL  
ALARM SYSTEM**

will keep you informed. The reduction of Fire Insurance pays initial expenses. Stop worrying, write



that THAT grain was heating, there would have been no loss. The

**ZELENY  
Thermometer**

gives the temperature of any part of your elevator or grain at any depth in the bins. Stop inexcusable losses, write

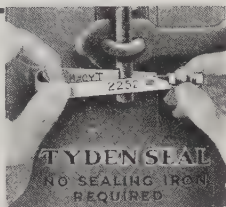
**Western Fire Appliance Wks.** 542 So. Dearborn St. CHICAGO, ILL.**Claim  
Losses  
Prevented**by **TYDEN SELF-  
LOCKING CAR  
SEALS** bearing

your name and consecutive numbers. Thousands of shippers use them. Write for samples and prices.

**INTERNATIONAL SEAL & LOCK CO.**

Chas. J. Webb, Gen'l Sales Agent,

617 Railway Exchange Building, CHICAGO, ILL.

**Does Not Crack Corn**

are followed. The loader referred to in the following letter had been in use for eight years when the letter was written.



repair list. I have not needed it but may do so sometimes. Yours very truly, A. M. BLYTHE

**Maroa Manufacturing Co.,**Dept.  
3**Maroa, Ill.**

Some grain dealers say that all car loaders crack the corn. We freely admit that ours have done this, but we claim it won't if our simple directions for installing and operating

Gays, Ill., July 25, 1910.

Maroa Mfg. Co., Maroa, Ill.

Gentlemen: Replying to your favor of the 21st, inquiring about my "Boss" loader I wish to inform you that I am still using it every day and it is giving good satisfaction. I have made a careful estimate of the amount of grain that it has loaded and find that it is approximately 1,500,000 bushels. It has caused no trouble except to replace the wings when they were worn. I am now using the third set.

You no doubt know that some elevator men claim that it cracks corn, but my experience has been that if it is furnished corn at the rate of not less than 1500 lbs. per minute it will load the driest corn without breaking a single grain. Please mail me your

A. M. BLYTHE

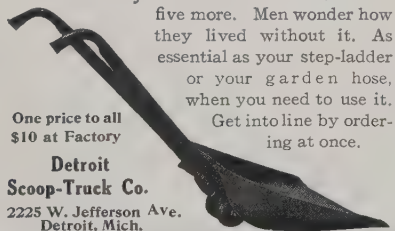
We make two smaller and two larger sizes than Mr. Blythe's and send on trial without any pay in advance.

The demand for the

**Climax Scoop-Truck**

increases with arithmetical progression. Every one sold sells one to five more. Men wonder how they lived without it. As essential as your step-ladder or your garden hose, when you need to use it.

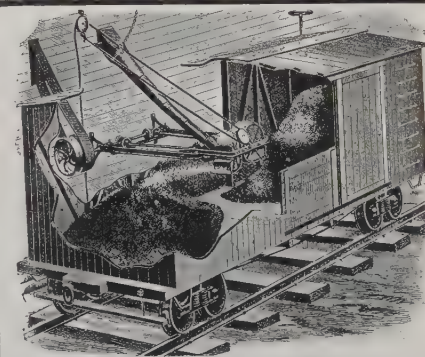
Get into line by ordering at once.

One price to all  
\$10 at Factory**Detroit  
Scoop-Truck Co.**2225 W. Jefferson Ave.  
Detroit, Mich.**IT CLEANS THE GRAIN**

It removes dust from oats, as well as dust from all other grains. It is compact, and when not in use projects only 14 inches from the building. The

**CHAMPION CAR MOVER**

will do all we claim for it. It is made of steel and stands weather exposure. Write to-day for particulars and price.

**E. BAUDER, Manufacturer, STERLING, ILL.****5 REASONS**

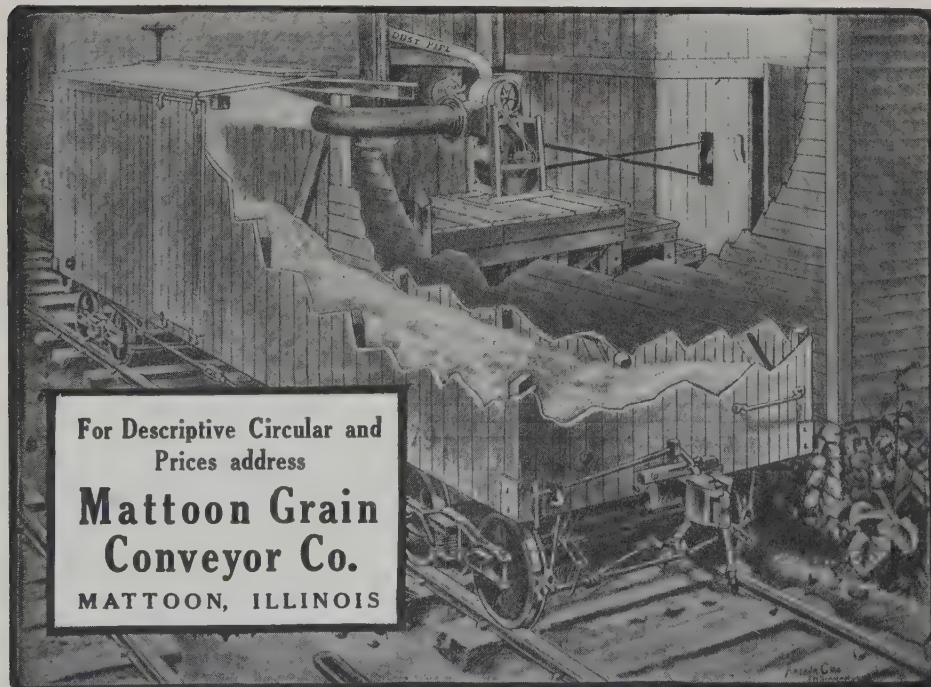
why you should install a

**COMBINED**

Grain Cleaner and Pneumatic

**CAR LOADER****FIRST** and most IMPORTANT—It is impossible for it to crack or mill the grain.**SECOND**—It will fill the largest cars to full capacity, without any labor in the car.**THIRD**—It is strong and durable, automatic in its action, and requires no attention after starting.**FOURTH**—The constant moving of the pneumatic tube as it loads the grain, prevents any accumulation of dust or dirt in the center, or any other part of the car, thereby avoiding heating, and "off" grades.**FIFTH**—It cools and dries the grain as it passes through the current of air.For Descriptive Circular and  
Prices address**Mattoon Grain  
Conveyor Co.**

MATTOON, ILLINOIS





## Save Your Buildings

### Champion Fire Tube

Instantly extinguishes fire originating from any source. A dry chemical extinguisher. Endorsed by all insurance boards and thousands of users. Equals 100 gallons of water. Especially adapted to fire in barns, stoves, gasoline, etc.

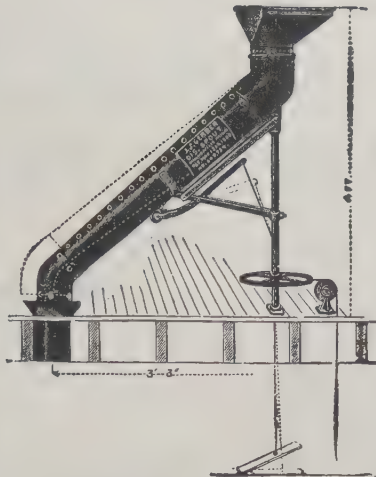
SENT ON RECEIPT OF \$2.00

Western Fire Appliance Co.

Dept. 25

315 S. La Salle St. CHICAGO, ILL.

Also Chemical Extinguishers and all apparatus



## AFFINITIES

### Satisfaction and a GERBER SPOUTING SYSTEM

The mixing of grain is impossible, can be operated from working floor, made of heavy sheet steel, the pressure of the foot directs the spout into any desired bin, and the position of the foot lever when released will show whether spout is properly seated in floor funnel.

Write for Prices.

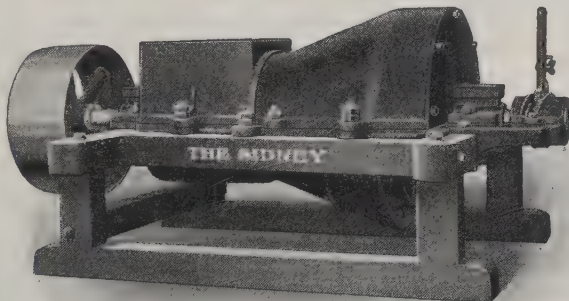
J. J. GERBER

MINNEAPOLIS - - - MINN.

# IF YOU WANT

regular country shippers to become familiar with your firm name, place your "ad" here.

# THE SIDNEY LINE OF SHELLERS



The Sidney Regular Corn Sheller

Let us prove to you through the experience of others, the value of a Sidney Sheller in your Elevator.

THE SIDNEY REGULAR SHELLER is well built, made heavy and the teeth on all the shelling surfaces are chilled, thus giving the shelling parts durability. Provided with our patented adjustment so that the cylinder can very easily be adjusted to the different conditions of the corn while the machine is in motion. End plates and frame easily removed so that access to interior of sheller can be had without removing any hopping. The grain discharges from the lower concave and hopped from concave to elevator boot.

Write for our complete catalog No. 25 of Shellers, Cleaners, Drags, Dumps, etc.

THE PHILIP SMITH MFG. CO.,

:-:-

Sidney, Ohio

A Complete Stock Carried at Enterprise, Kansas



As a Roofing and Siding for Grain Elevators  
A BUILDING COVERED WITH

Ready-To-Lay

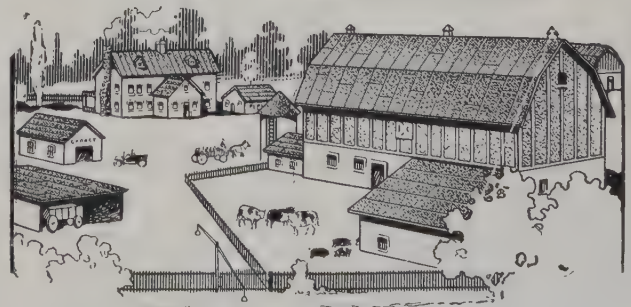
# Burmite

(Reg. U. S. Pat. Off.)

is absolutely SPARK-PROOF. A recent test, in which a red hot coal was placed on the slate-surfaced "Burmite" Material, and allowed to remain there until it cooled, very clearly proved this.

## PROTECT YOUR BUILDINGS FROM SPARKS!

Losses aggregating millions of dollars annually are caused by flying sparks from locomotives, chimneys and forest fires.



As a Roofing and Siding for Farm Buildings of every description.

"Burmite" is the outcome of years of experience in manufacturing a material for ROOFING and SIDING Residences, Business and Factory Buildings, Elevators, Mills, Barns, Garages, etc.,—be they NEW or OLD, of any kind of construction. It is unconditionally guaranteed for 10 Years without Coating or Painting.

Let us send you free of all charges and obligation, our Booklet, "Burmite Quality Counts." Samples and Advertising Literature.

Birmingham & Seaman Co.

Roofing Manufacturers CHICAGO

General Offices: 1208-26 Tribune Building

Plant: 56th, Armitage and Grand Avenues

Distributors of BEAVER BOARD

### USE THIS COUPON

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Mail to my address, as above, Samples and Booklet. This places me under no obligation.

Name .....

Town..... State.....

G. D. J., 9-10-14



**MORRIS GRAIN DRIER CO.**

507-511 Chamber of Commerce, Milwaukee, Wis.  
Several years of experience fully demonstrates that owing to the fact that Morris Grain Driers have thorough ventilation, drying grain much more evenly, thoroughly stamps them as being superior to any other grain driers in existence. Can be constructed more economically than the average drier. Don't fail to write for pamphlet giving full information and testimonials regarding our driers, coolers and conditioners.

We "will not skid" on low cost of Elevator Machinery and all Supplies you may need. Write us.

**ORR-NEWELL CO.**  
CEDAR RAPIDS, IOWA

**ALLEN'S ANTI-RUST PAINT**

THE NAME DESCRIBES IT.

Proof against salt, acids, alkalis, fumes, sun, water, time.

**COSTS LITTLE—LASTS LONG.**

If interested write us.

**ALLEN ANTI-RUST MFG. CO.**  
439 RACE STREET. CINCINNATI, O.

**GALVANIZED CORRUGATED**

Steel Siding, Roofing, Fireproof Window Frames, Sashes, &c



**SYKES Steel Roofing Company, Chicago, Ill.**  
Sheet Metal Contractors. Makers of Fireproof Windows. Write them if you are in the market now or if you expect to be in the future. Contracts taken anywhere in the United States.

**R**



Live weevil plus a little Fuma equals dead ones every time.

**Fumigate Your Elevators and Mills with**

**FUMA**

The only satisfactory method of treating grain in the bin; kills all insects, weevils, moths, etc.

10c per lb., in 50 lb. and 100 lb. drums.

Send for printed matter.

**EDWARD R. TAYLOR**  
Manufacturing Chemist Penn Yan, N. Y.

# "EUREKA" GRAIN DRYERS



Are easily controlled,  
Continuous in operation,  
Thoroughly Reliable,  
Inexpensive to install,  
Results are Uniform.

All our claims are fully substantiated.  
Any percentage of moisture can be removed.

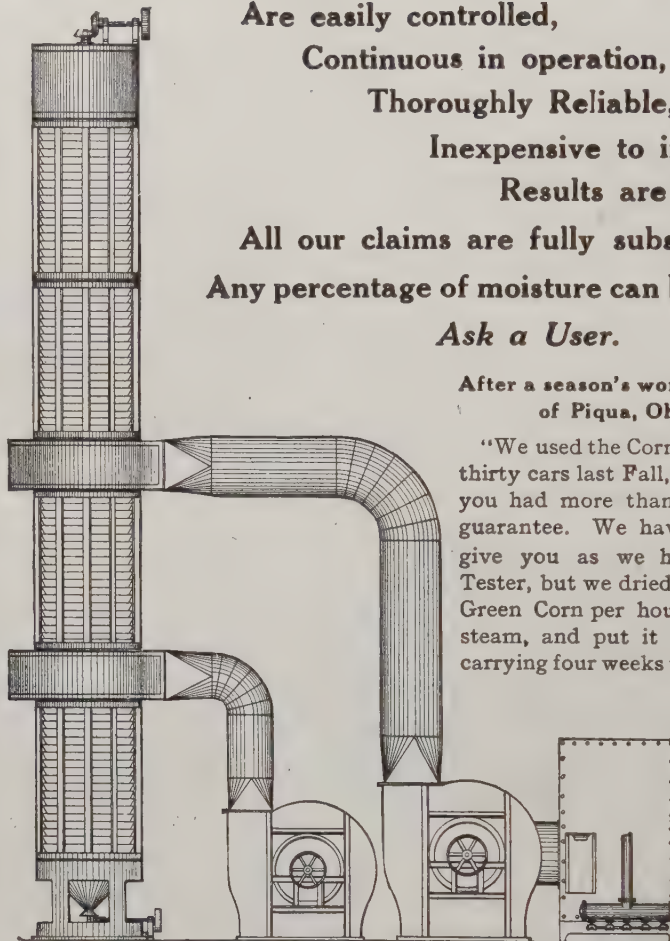
*Ask a User.*

After a season's work, C. N. Adlard, of Piqua, Ohio, says:

"We used the Corn Dryer on about thirty cars last Fall, and found that you had more than exceeded your guarantee. We have no figures to give you as we had no Moisture Tester, but we dried 180 bushels of Green Corn per hour, with 30 lbs. of steam, and put it in condition for carrying four weeks to New England.

Our Broker said we had the best corn that had arrived in that section.

We would not be without the Dryer at any cost."



Sole Manufacturers

**THE S. HOWES COMPANY**

Grain Cleaning Machinery Specialists

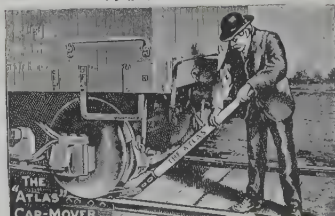
"Eureka Works," Silver Creek, N. Y.



THE OLD WAY

**One Man** with an ATLAS can easily move a loaded one.

**Appleton Car-Mover Co.**  
Appleton, Wis.



## The Atlas Car-Mover

will pay for itself daily and last for years.

Twelve men with a crowbar can hardly move an empty car.

THE NEW WAY

## ELEVATOR MACHINERY

**GRAIN DRYERS—All Sizes, CRUSHERS, SHELLERS and MILLS. CONVEYORS and ELEVATORS, CHAIN BELT and SPROCKET WHEELS, OAT MEAL and PEARLED BARLEY MACHINERY, HOMINY MILLS**

SEND FOR DESCRIPTIVE CATALOG OF WHAT YOU WANT

**THE C. O. BARTLETT & SNOW CO.**  
CLEVELAND, OHIO, U. S. A.

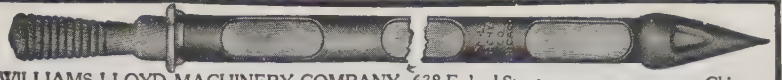


## Transmission Rope

WE CARRY A COMPLETE STOCK for immediate delivery in all the sizes from half inch to two inch diameter. *Every Foot of Rope* guaranteed to be of Finest Material and Superior Workmanship. Give it a Trial.

**The Strong-Scott Mfg. Co.**  
MINNEAPOLIS, MINN.

GRAIN TRYERS



WILLIAMS-LLOYD MACHINERY COMPANY, 638 Federal Street

Chicago

**SCALES: WAREHOUSE, WAGON and PORTABLE**

Pit and Pitless

**ACCURATE—SIMPLE—DURABLE**

No loose weights, as our Warehouse and Wagon Scales are equipped with combination beam. One of our scales installed 52 years ago is still in active service and giving satisfaction.

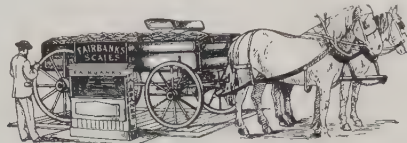
**WEEKS SCALE WORKS—Est. 1858**

384 Goodell St.

Buffalo, N. Y.

## GRAIN DEALERS

throughout the country rely on Fairbanks Scales because they KNOW they are right. Fairbanks Scales weigh over 75% of the grain of the country. And more than merely weighing, they protect you from financial loss and help you to maintain your business prestige. You can depend on them for a life-time to relieve you of all doubts—all chances of loss, and give your customers that feeling of security and confidence which only comes from dealing over Fairbanks Scales.



We have written a book on scales that deserves your serious consideration. Not only does it describe in detail the design of scales, but it gives facts that vitally affect your pocket book. Our long experience and intimate knowledge as pioneers in the business enable us to give you information that will mean dollars in your pocket. This valuable little book sent free on request. Ask for Book No. 550CY.

**FAIRBANKS, MORSE & CO.**

Wabash Ave. and Eldredge Court, - CHICAGO



**WOLF**

**EMPLOYEES**

The most convenient and handiest elevator for factory or warehouse use.

\*\*

Useful for carrying bags, sacks, bundles or packages from one floor to another, thus saving time and labor.

**ELEVATOR**

Can be stopped at any floor.

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Easily installed by any ordinary mechanic and about as quickly put up as a piece of line shafting.

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All parts made with templates.

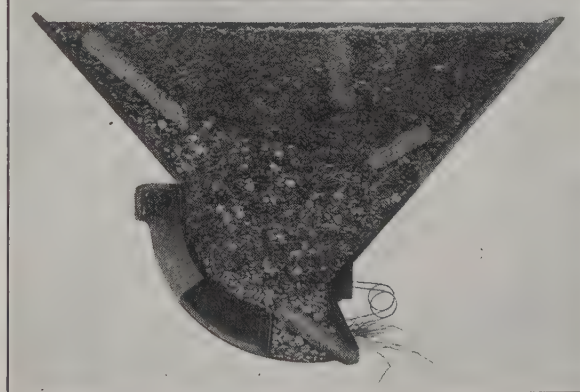
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Modern—durable.

**The Wolf Company MILLING**

**Chambersburg Pa., U.S.A. ENGINEERS**

RICHARDSON SCALE CO. NEW YORK



Section of Richardson Patent Chokeproof feed chute and gate is supplied on latest Automatic Scale.

**CHOKE PROOF**

Listen to what Mr. G. W. TOYNE, Mgr., says about it:

Gentlemen:—Enclosed you will find check to balance our account. We have tried the scale out fully and we are so pleased with it, that double the amount wouldn't be an inducement to take it out, if we couldn't get another to replace it.

Ask your neighbor, or

Ralston, Iowa., Aug. 16, 1911.

(Signed) FARMERS' ELEVATOR.

**RICHARDSON SCALE COMPANY**

3 Park Row, New York

79 W. Monroe Street, Chicago

413 Third St. So., Minneapolis

## DUPLICATING SCALE TICKET BOOK

No. 62 is designed especially for country dealers who use scale tickets. It is a book 9x12 inches, check bound in heavy board covers. It contains 200 sheets, 100 white sheets being interleaved with 100 manila sheets. On one side of the white sheets are printed 3 scale tickets and the sheet is perforated so that each ticket can easily be removed. Each ticket is printed, ruled and spaced for the following information: Date; Bot of; Price per Cwt; Price per bu.; Driver on, Off; Gross; Tare and Net Lbs.; Net Bus.; Weigher. A sheet of carbon is placed between the white and manila sheets, so that the weigher tears out a ticket and gives to each driver, retaining a carbon copy of it. 800 tickets in each book with a rubber stamp for quickly filling in name of buyer. Price \$1.25.

**GRAIN DEALERS JOURNAL,**

**La Salle St., Chicago, Ill.**



## WITTE ENGINES

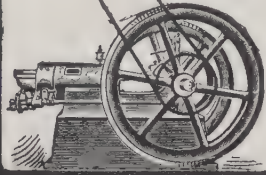
**USE GAS, GASOLINE OR KEROSENE**

make a dependable power for Elevator and Mill work. Your plant is running in one minute, no time lost getting ready for short runs. The equipments are complete and conform to Insurance rules.

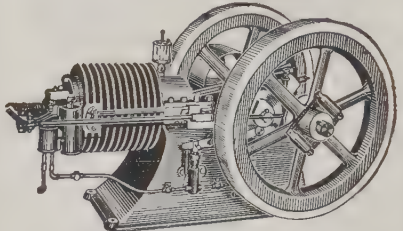
**FIVE YEAR BOND GUARANTEE**

Our elevator engines have wipe feed oil systems, vertical valves auto noiseless mufflers and many other advantages. If you use the **WITTE** you help us advertise. So write for our introducing proposition stating size wanted.

**WITTE IRON WORKS CO.**  
1626 Oakland Ave., KANSAS CITY, MO.



## -720 HOURS- OF CONTINUOUS MOTION



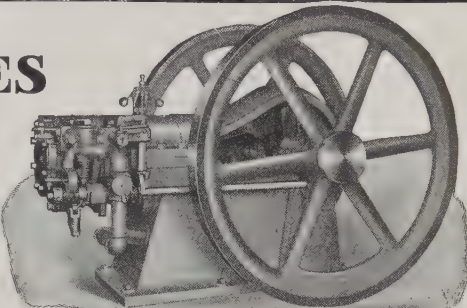
Run this engine 24 hrs. a day for 30 days—Free, we even pay the freight both ways to convince you that this air cooled engine is the engine for you. Right now Write.

**GADE BROS. MFG. CO., 110 Main St., Iowa Falls, Ia.**

## “NEW ERA” GAS AND GASOLINE ENGINES

are of the highest mechanical efficiency. There is nothing better to be had. Ready to run always, and give universal satisfaction. Used by elevator men all over the United States. They have many patented features, giving the greatest economy in operation. Our patented water jacketed cylinder head requires no packing. We have many other advantages. Send for catalog, and prices from 3 to 100 H. P.

**THE NEW ERA GAS ENGINE CO.**  
86 Dale Ave. Dayton, Ohio



## Direct Reduction Tables for Corn and Oats

Reduce any weight of corn from 100 to 5090 pounds, by ten-pound breaks, direct to bushels of 56 lbs.; 56, with one pound dockage for dirt; 68, 70, 72, 75 and 80 lbs. The 56-lb table may also be used for reducing rye and flaxseed to bushels. Oats are reduced to bushels of 32, 33 and 35 pounds.

Ten tables printed from large type on card board, size 10½ x 11½ inches, and the equivalent in bushels of each weight is shown beside it, so it is impossible to get the wrong reduction. **Price, 50 Cents.**

**Grain Dealers Journal**  
315 S. La Salle Street CHICAGO, ILL.

## VEST POCKET GRAIN TABLES

Clark's Vest Pocket Grain Tables reduce pounds to bushels on any number of pounds from 10 to 100,000. It is printed on ledger paper in two colors, red and black. The red figures show the pounds and the black the bushels and pounds.

The tables show the following reductions: Oats at 32 lbs.; Corn, Rye and Flaxseed at 56 lbs.; Wheat, Clover Seed, Beans, Peas and Potatoes at 60 lbs.; Barley and Hungarian Seed at 48 lbs.; Ear Corn at 70 lbs.; Ear Corn at 75 lbs.; Ear Corn at 80 lbs.; Timothy Seed at 45 lbs.

These tables are bound in heavy manila and form a thin book 2½-in. wide by 8½-in. long. Price 50 Cts. Address

**GRAIN DEALERS JOURNAL, La Salle Street, CHICAGO, ILLINOIS**

## EDISON BSCCO PRIMARY BATTERY

The more satisfactory the batteries you are now using, the more anxious we are to have you compare them with the Edison BSCCO.

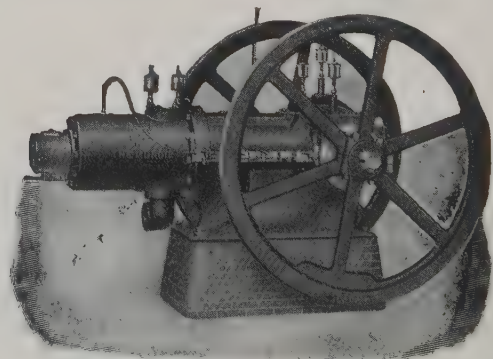
We have a book about the Edison BSCCO which contains some valuable information, and you ought to have it. Write for this book today.

**Thomas A. Edison, Inc.,**  
49 Lakeside Avenue, Orange, N. J.

## 50c } Runs a 25 Horse A DAY } Power 10 Hours

### The Muncie Oil Engine

“Producing Power with the Cheapest Fuel.”



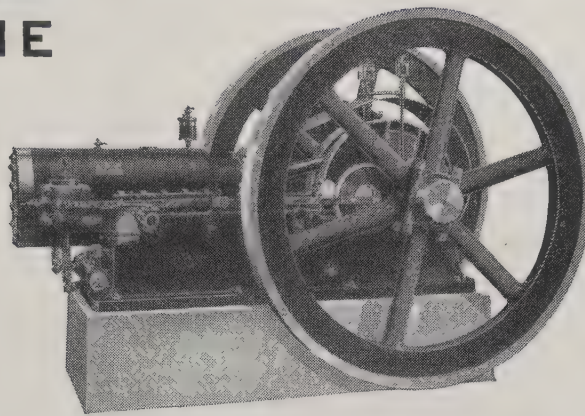
It Operates on Crude Oil, Fuel Oil, Kerosene or Distillate. The few working parts reduce possible repairs and expenses to a minimum making the engine pay for itself in a short time.

*Write for particulars, references and prices.*

**Muncie Gas Engine & Supply Company**  
Mulberry St. and Railroads MUNCIE, INDIANA



# THE FOOS OIL ENGINE



## THE FOOS OIL ENGINE

Will furnish power to your elevator at a fuel cost as low as if you were able to buy gasoline at  $2\frac{1}{2}$  to 7 cents per gallon. But as the price of gasoline is from 12 to 18 cents a gallon and oil only  $2\frac{1}{2}$  to 7 cents, the difference in favor of the Foos Oil Engine is so great as to finally repay the entire original cost of the engine.

**OIL BULLETIN K. O.-20** contains fuel data and structural description of the Foos Engine of big interest to all users of power from 6 to 90 H. P.

## THE FOOS GAS ENGINE CO.

1002 Linden Avenue,

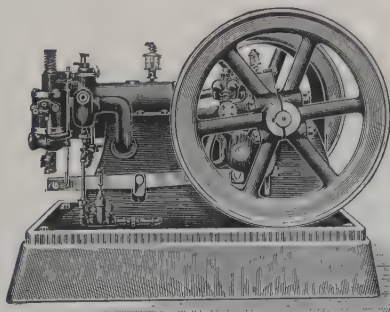
Springfield, Ohio

# Get to Know the ALAMO

IF YOU HAVE TRIED THE REST, NOW TRY THE BEST

Alamo engines are built in sizes from 2 to 60 H. P. Are used by the largest railroad companies in the world, as well as some of the largest grain elevator companies.

Write us and we will give you the names of men near you who have an Alamo.



Easy to Start  
Economical  
Durable

Complete stock  
of repairs at the  
Omaha house.

Manufactured by the Alamo Mfg. Co., Hillsdale, Mich.

WRITE

**ALAMO ENGINE & SUPPLY CO., Omaha, Nebr.**  
for Information and Catalog in Central Western States.

# OTTO GAS AND GASOLINE ENGINES

Have a world wide reputation for Fuel Economy.

Have been the standard for Reliability for thirty-five years.

Have over 100,000 satisfied users to whom we refer.

The OTTO has been awarded over 475 medals and diplomas, and has won in every competitive test.

OTTO engines are made from one to three hundred horse power and are designed to use gasoline, distillate, alcohol, liquid fuels, natural, illuminating and producer gas.

We make engines for every power purpose. Write to-day for literature covering type of engine that interests you.

## THE OTTO GAS ENGINE WORKS

3217 WALNUT STREET, PHILADELPHIA, PA.  
537 So. Dearborn Street, Chicago, Ill.

LARGEST AND OLDEST MANUFACTURERS INTERNAL COMBUSTION ENGINES IN THE WORLD



**Lincoln and Capital Coal,  
Shaker Screened Lump,  
Roller Screened Egg & Nut.**

**Domestic Sizes  
Contain No Screenings.**

**Mines: Lincoln and Springfield, Ill.**

**LINCOLN - SPRINGFIELD  
COAL CO.**

**Old Colony Bldg., . Chicago**

**COAL!**

**Lill-Robinson Quality**

is MORE than the standard; it is the best! When you buy

**"L-R" Coal**

you not only get the very best the market affords, but you get even more than this. You get

**Lill-Robinson Service**

This means that when you order coal from the "L-R" Company, you get "what you want when you want it," and if you have had much experience in buying coal you know what this means.

We are shippers of the very best coal from the following fields:

**"ECONOMY" 6" Lump and Egg and 3" Nut, Franklin County, Illinois.**

**CARTERVILLE 6" Lump and Egg and 3" Nut, Southern Illinois.**

**"GOOD WORTH" Lump, Egg and Nut, from Indiana.**

**LONE RIDGE POCAHONTAS from West Virginia.**

**SUNDAY CREEK HOCKING, Ohio.**

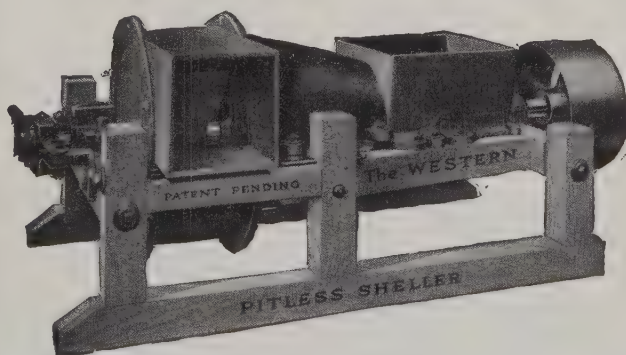
Write us for delivered prices at your station.

**LILL-ROBINSON COAL COMPANY**

**203 S. DEARBORN ST., CHICAGO**

**Long Distance Phone, Wabash 3288—ALL DEPARTMENTS**

## A STRONG COMBINATION



you buy a Western Cleaner you get two machines for the price of one.

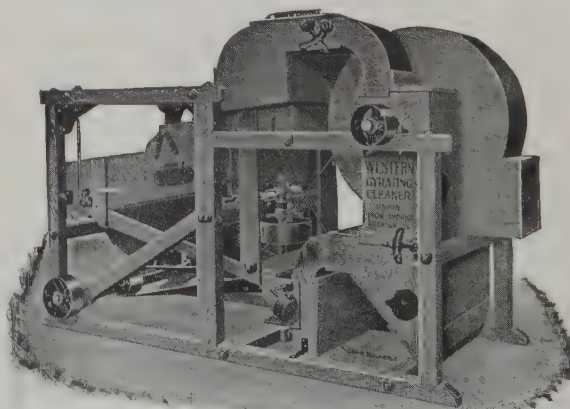
The Western Sheller is strong and durable and made to fit all conditions. Has solid, full-turn conveyor feeders, making a positive feed, wide flaring hoppers, giving greater capacity and affording no possibility of corn bridging; patent adjusting lever, enabling the operator to instantly adjust the cylinder while running to all kinds and conditions of corn; shelling parts all subjected to our special chilling process, making them harder than steel. Seasoned Hard Wood frames, discharges either direction—right or left, under or over.

Get our catalogue before buying—"Everything for the Elevator."

**Union Iron Works, Decatur, Illinois**  
**1221-1223 Union Avenue, Kansas City, Mo.**

Use care in the selection of Machinery for your elevator. The kind of satisfaction given by the WESTERN CLEANERS AND SHELLERS, the kind of work they do, make them the combination you should use.

The Western Gyrating Cleaner is built especially for separating corn from cobs as they come from the sheller, and recleaning corn and oats; it is also an excellent wheat and small grain cleaner when fitted with extra screens furnished for that purpose. When





## "Wanted" and "For Sale"

The rate for advertisements in this department is 20 cents per type line each insertion

### MACHINES FOR SALE.

ONE MARSEILLES CORN SHELLER for sale. Good as new. Cheap for cash. A. H. Richner, Crawfordsville, Ind.

ONE NO. 10 CLIPPER CLEANER for sale. In good condition. Will sell at a bargain. For further particulars address Farmers Elevator Co., Hunter, N. D.

MACHINES not in use can quickly be sold by an advertisement in the "Machines For Sale" column of the Grain Dealers Journal, Chicago, Ill.

FOR SALE—One No. 1 Willford 3 roller feed mill, one 12 in. attrition Monarch, one No. 2 Fairbanks-Morse crusher; all good machines and will be sold cheap. Box 4, Kelley, Iowa.

NOTICE. LARGEST line of remodeled second hand, also new machinery, supplies, belting, etc., for flour mills, feed mills, grain elevators, always on hand. Lowest prices. G. J. Noth, Monadnock Bldg., Chicago.

### GRAIN CLEANERS FOR SALE.

One No. 9 Clipper cleaner.....\$25.00  
Two No. 7 Clipper cleaners..... 20.00  
One No. 10 Clipper cleaner..... 20.00  
One No. 3 Eureka cleaner..... 20.00

These machines have full set of screens and are practically in good working order. They were replaced by larger machines. Bad Axe Grain Co., Bad Axe, Mich.

SECOND HAND FOR SALE—Attrition mills: 3-24" Cogswell's; 1-24" Monarch; 1-20" Unique; 2-24" Foos; 1-19" Foos; 3 pair high roller mills; 2-9"x18" Noye gear drive; 1-9"x15" Case; 1-7"x18" 3 pair high Alfrie, belt drive; 1-7"x15" Alfrie, 2 high roller mill. Separators: 1 No. 1½ Barnard & Leas milling, 1 No. 31 Barnard & Leas Receiving; 1 No. 258 Eureka Magnetic, 25 bu. cap.; 1 No. 256 Monarch Magnetic, 50 bu. cap.; 1 No. 0 Howes Magnetic, 35 bu. cap. Dust collectors: 1 No. 3 P, 1 No. 4 A, 1 No. 2-B Wilson Tubular, 1 No. 2 Monarch. Address Sprout, Waldron & Co., P. O. Box 260, Muncy, Pa.

SECOND HAND MACHINERY.—We offer the following Rebuilt Machinery at greatly reduced prices (subject to prior sales): Largest stock in the world.

Separators—No. 3, No. 4 and No. 98 Barnard's, No. 8 Eureka, No. 5 Monitor Elevator Separators. No. 0 and No. 4 Richmond, No. 3 Eureka Milling Separators. Outclippers—Nos. 6, 8 and 9 Invincible, No. 4 and No. 321 Eureka and No. 4 Barnards.

Feed Mills, 7x14 Great Western, 7x14 Nordyke & Marmon, and 9x24 Barnard & Leas, all two pair high; 6x20 Challenge, 9x18 Smith, 9x18 Hutchinson, 9x24 Alfrie, and 9x30 Wolf, all three pair high, and many others.

Roller Mills—All sizes and makes, single and double.

Attrition Mills, 19 inch, 22 inch and 26 inch Foos, 30 inch American, 22 inch and 24 inch Unique, 20 inch Monarch.

Corn Crushers, Nos. 7 and 8 Bowsher; No. 1, Styles N, L and T Foos; No. 2 Triumph, No. 12 Sullivan No. 3 Monarch.

Corn Shellers—No. 2 and No. 4 Victor, No. 5 Keystone, No. B Standard and 2-Hole Joliet.

Steam Drier—No. 2 Cutler with hood and steam trap.

Elevator Belts—1,200 ft. 22 inch, 6 ply Rubber Belt with 20x6 Buckets attached @ 50c per ft., and many other sizes.

Pulleys—A big lot, both wood and iron, from 3 inch to 10 ft. in diameter.

Write for new book "Gump Bargains," No. 2D, giving complete list all machines in stock.

B. F. Gump Co., Mill and Elevator Machinery, 431-433-435-437 S. Clinton St., Chicago.

### MACHINES FOR SALE.

CORN SHELLER AND CLEANER for sale. No. 14 Western warehouse sheller, No. 2 Western rolling screen corn cleaner. In first class condition. \$125 for both machines. A. H. Webber & Son, Padua, Ill.

PETERSON OAT BLEACHER in good running order. Sold to be replaced by larger machine. Snap for Country Elevator to get in shape to handle stained oats at fraction of cost new machine. Address Bleacher, Box 1, Grain Dealers Journal, Chicago.

### MACHINES WANTED.

WANTED—Grain Dealers who are contemplating installing new machinery to use the "Machines Wanted" columns of the Grain Dealers Journal in securing prices and estimates of machines for sale. We can save you money. More than value received.

WANTED—One 7x14—2 pair high—4 roller mill, corrugated for grinding meal. One 20"x8" special cereal round reel with wire cloth for bolting meal. One corn cleaner that will handle 250 bu. corn per hour, and must not stand over 4½ ft. from floor to spout where grain enters. With all necessary belting, etc., to make elevators to carry corn, chops, meal, etc., from mill to bins. All goods must be in first class condition. Also one pair railroad track scales, 1 pr. sacking scales. Rosenberg Mill & Elevator Co., Rosenberg, Texas.

### DYNAMOS—MOTORS.

#### ELECTRICAL MACHINERY BARGAINS.

One 8 light, 110 volt dynamo.....\$ 25.00  
One 30 light, 110 volt dynamo..... 40.00  
One 50 light, 110 volt dynamo..... 60.00  
One 80 light, 110 volt dynamo..... 75.00  
One 100 light, 110 volt dynamo..... 90.00  
One 150 light, 110 volt dynamo..... 125.00  
One 275 light, 110 volt dynamo..... 165.00  
One 600 light, 110 volt dynamo..... 260.00  
One 1 H.P. motor.....\$ 35.00  
One 3 H.P. motor..... 65.00  
One 5 H.P. motor..... 85.00  
One 10 H.P. motor..... 145.00  
One 15 H.P. motor..... 175.00  
One 35 H.P. motor..... 275.00  
One 50 H.P. motor..... 325.00

For other sizes in motors or dynamos, write us. Lowest prices. Best Quality. Aaron Electric Co., 118 S. Clinton St., Chicago, Ill.

### PULLEY COVERING.

WARRENS PULLEY COVER is applied with a brush as easily as ordinary paint and dries in from two to four hours. You can do the work at night when the machinery is idle and begin to cut down expenses the next day. The Pulley Cover is extremely durable and lasts from one to three years, depending on the service required. It gives a firm, leathery surface for the belt to grip—eliminates the impractical extravagance of leather lagging, the sticky unreliability of "belt dope." It is a practical, inexpensive, efficient time saver, as long as you run a belt on a pulley. Write for particulars regarding Special Case Outfit. The Warren Co., 232 La Salle St., Chicago, Ill.

### BUILDING MATERIAL.

2 MILLION FT. 2x6, 2x8, 2x10 hemlock cribbing; all size timbers, boards and ready roofing. J. G. Ruel, 7337 Stony Island Ave., Chicago.

### BAGS FOR RENT.

SECOND HAND COTTON GRAIN BAGS for sale from 100 to 5,000. For terms write Foell & Co., 123 Market St., St. Louis, Mo.

### GASOLINE ENGINES

ONE 50 H. P. IMPROVED MILLER GAS engine for sale. Gregory Electric Company, 16th & Lincoln Sts., Chicago, Ill.

25 H. P. FAIRBANKS-MORSE engine for sale or will exchange for 25 h. p. motor. Write C. H. Baker, Devils Lake, N. D.

ONE 15 H. P. PORTABLE International gasoline engine for sale. In good condition. Address Lock Box 62, Marcellus, Mich.

\$285 TAKES ONE 25 H.P. horizontal gasoline engine, in first class condition. Many other sizes in stock. State your requirements. The Badger Motor Co., Milwaukee, Wis.

FOR SALE AT BARGAIN PRICES, several new, near-new and rebuilt gas and gasoline engines of our own make in sizes 8 to 50 h. p. Write us your requirements—we can give you just what you want while they last. The New Era Gas Engine Co., 86 Dale Ave., Dayton, Ohio.

### GASOLINE ENGINES FOR SALE.

44 H. P. Fairbanks-Morse.  
25 H. P. Columbus.  
25 H. P. Fairbanks-Morse.  
22 H. P. Fairbanks-Morse.  
15 H. P. Fairbanks-Morse.  
12 H. P. Fairbanks-Morse.  
6 H. P. Fairbanks-Morse.  
4 H. P. Fairbanks-Morse.  
Also fifty engines of varied sizes and all makes. Address A. H. McDonald, 547 W. Monroe St., Chicago, Ill.

### GASOLINE ENGINES FOR SALE.

2—10 H. P. Fairbanks-Morse horizontal, used, good condition, ea. \$ 26.  
1—12 H. P. Fairbanks-Morse, vertical, nearly new ..... 200  
1—12 H. P. Waterloo horizontal, used, in good condition..... 100  
1—15 H. P. Weber horizontal, used, in fine condition ..... 200  
1—15 H. P. Otto horizontal, used, in good condition ..... 200  
1—15 H. P. Fairbanks-Morse horizontal, short base, used..... 200  
1—15 H. P. Fairbanks-Morse horizontal, stationary, good condition. 250  
1—16 H. P. Dempster, two cylinder horizontal portable, used..... 200  
1—20 H. P. Ohio horizontal, used, in good condition ..... 250  
1—28 H. P. Lewis horizontal, used, in good condition..... 350

### PRODUCER GAS PLANTS.

1—30 H. P. Otto single cylinder horizontal, special electric producer gas engine, together with Otto Suction gas producer for Anthracite coal ..... 200  
1—65 H. P. Fairbanks-Morse three-cylinder, vertical producer gas engine, together with a 75 H. P. Fairbanks-Morse suction gas producer for Anthracite coal... 1,500  
Full description and price on these plants given on application. Power Equipment Co., 212-218 Third Ave. No., Minneapolis, Minn.

### STEAM ENGINES—BOILERS.

ONE 15 H. P. C. C. C. stationary steam engine for sale. Good as new. Price \$85. Address R. B. Catton, Brimfield, Ill.

### INFORMATION.

READERS DESIRING to learn by whom, or where any grain handling machine or device is made can generally obtain it promptly by addressing Information Bureau, Grain Dealers Journal, Chicago, Ill.



**ELEVATORS FOR SALE.**

**SOUTHERN OHIO.** Elevator and coal yard for sale. Address Ohio, Box 4, Grain Dealers Journal, Chicago, Ill.

**IF YOU WANT TO SELL YOUR BUSINESS** write to the Manager of the Want Dept., Grain Dealers Journal, Chicago, Ill.

**NORTHWESTERN OHIO.** For sale, one of the best elevator and coal propositions in the state. Address C. O. D., Box 7, Grain Dealers Journal, Chicago.

**EASTERN INDIANA.** For sale or trade one half interest in 40,000 bu. cribbed elevator; doing good business; fine retail and coal trade in connection. Address M. Box 1, Grain Dealers Journal, Chicago, Ill.

**CENTRAL INDIANA.** Elevator, coal, feed and flour business at a bargain; good wheat and oats crop; no competition; everything first class; good churches, school and college. Address Box 363, Upland, Ind.

**WESTERN IOWA.** Grain, coal and seed business; 30,000 bu. capacity elevator, almost new. Good chance for some one. Address H. F. C., Box 4, Grain Dealers Journal, Chicago, Ill.

**CENTRAL ILLINOIS.** Elevator for sale at 400,000 bu. station. One competitor. Reason for selling, poor health. Address H. A. R., Box 12, Grain Dealers Journal, Chicago, Ill.

**WESTERN OHIO.** For sale, two elevators and coal business. No competition. Can show large business. Address J. M. Co., Box 3, Grain Dealers Journal, Chicago, Ill.

**FOR SALE PART INTEREST** or all of 50,000 bu. grain elevator, also 100 car hay warehouse, with established profitable grain business, at large terminal market. Address Terminal, Box 5, Grain Dealers Journal, Chicago, Ill.

**OHIO.** Will trade for land or sell for cash elevator, garage and coal yards. Land must be in Ohio, Ind., or Ill. This is a good business. No better grain country can be had. Poor health reason for selling. Address Chance, Box 4, Grain Dealers Journal, Chicago, Ill.

**WESTERN ILLINOIS.** For sale, elevator proposition with two good elevators. 20,000 bu. working house, 20,000 bu. storage house. No competition; station handles 250 to 275 M. bu. Up to date town. Address W. J. B. Box 3, Grain Dealers Journal, Chicago, Ill.

**GOOD ELEVATOR** in good shape, 8 h. p. gas engine, corn sheller, 2 sets burrs, stone and steel, big warehouse, 2 pair stock scales, one at stock yards close to elevator; makes from \$3 to \$10 per day. If you want a bargain in a good business, call on Robt. Holman, Ethel, Mo.

**SOUTH EASTERN NEBRASKA.** 20M capacity frame elevator for sale, in good town, well located for local coal and feed business. Good wheat, corn and oats country. Corn crop very promising. Good school advantages. \$4,000. Address Nebr. Box 5, Grain Dealers Journal, Chicago, Ill.

**200,000 BUS. GRAIN BUSINESS** with two up-to-date elevators and flour mill for sale. Large exchange and feed trade. No competition. Over 100 cars coal trade. In Ohio town of 1,300 population, in excellent, thickly settled farming community. Price is right. Address S. T., Box 4, Grain Dealers Journal, Chicago, Ill.

**NORTHERN ILLINOIS.** Two good elevators in consecutive towns on the C. G. W. R. R. for sale. No competition; big storage; large territory; good paying side lines in connection; business on good paying basis; prospective purchasers of plant should come and see figures to be convinced of the value of the proposition. Price right. Reason for selling, other business. No trades considered. Address Snap, Box 3, Grain Dealers Journal, Chicago, Ill.

**ELEVATORS FOR SALE.**

**CENTRAL ILLINOIS** elevator for sale. Write Coon Bros., Rantoul, Ill.

**INDIANA ELEVATOR** and exclusive grain business; good side lines and a money maker. Address Box 363, Upland, Ind.

**NORTH EAST KANSAS.** For sale 15,000 bu. iron-clad gasoline power elevator. Price \$4,000. Address H. K., Box 5, Grain Dealers Journal, Chicago, Ill.

**NORTH NEBRASKA.** For sale, elevator and implement business in good grain country. Address S. R., Box 3, Grain Dealers Journal, Chicago, Ill.

**SOUTHWESTERN IOWA** elevator and coal business for sale in town of 1,500. Good territory; on own ground. Address I. R. V., Box 10, Grain Dealers Journal, Chicago, Ill.

**ILLINOIS.** Will lease elevator in central Ill. Station handled over 300,000 bu. last year. No competition. Price \$75 per month. Address Lease, Box 4, Grain Dealers Journal, Chicago, Ill.

**INDIANA.** Have special elevator bargain W. Ind., if quick, \$8,500, private ground, house modern, 26M capacity. Can suit the most particular buyer in any other priced house. Be quick, good crop ready to move. John A. Rice, Frankfort, Ind.

**10,000 BU. ELEVATOR AND 50 bbl. steam roller mill** for sale. An up-to-date flour and feed mill (Allis system) in good dairy country on side track of main line of C., M. & St. P. R. R. No opposition. Everything in running order. Address G. G., Box 4, Grain Dealers Journal, Chicago.

**OHIO. GOOD ELEVATOR,** 25,000 bu. capacity. Handles 110 cars of coal, better than 100,000 bus. of grain annually besides a large retail trade that shows good profits. All grain received and loaded by machinery. If looking for a 1st class place, we have it. Reason for selling have other business. Address Opportunity, Box 4, Grain Dealers Journal, Chicago, Ill.

**ELEVATOR FOR SALE AT BARGAIN.** Owner now in Sanitarium. Capacity of elevator 40,000 bus. wheat; also has corn mill and does large flour, meal and feed exchange business. Located in county seat town; no flour mill there. Good wheat and corn country. Address Elevator, Box 3, Grain Dealers Journal, Chicago, Ill.

**MINNESOTA.** For sale or rent, terminal elevator plant with a capacity of 1,550,000 bus. at Minneapolis, Minn. Working house has 550,000 bus. capacity; storage house with 1,000,000 bus. capacity; brick power house containing 2 engines, one of 150 h. p. and one of 200 h. p. There is a large tract of land and 1,200 feet of valuable trackage. We will sell or rent this property on favorable terms. The Great Western Grain Co., Chamber of Commerce, Minneapolis, Minn.

**WESTERN OHIO.** For sale 35,000 bu. capacity elevator. Equipped with 35 h. p. engine, 45 h. p. boiler, corn sheller, dumps, cleaners and all machinery. 27,000 bus. grain and 7,000 bus. ear corn; large cob house and flour room; good flour trade and handles about 800 ton coal annually; located on two railroads and own ground of 1½ acres; fine town of 800 population; two banks and electric lights; fine agriculture county and good spot for corn, oats and wheat. This is a money maker. Address W. P. O., Box 8, Grain Dealers Journal, Chicago, Ill.

**LAND FOR SALE.**

**320 ACRES OF LAND** in northern Wisconsin in fruit belt, 4 miles from good town for sale or trade. Write Box 329, Kingfisher, Okla.

**FOR SALE OR TRADE** 320 acres on land on Lake Superior in Wis. in the fruit belt. Box 329, Kingfisher, Okla.

**ELEVATORS WANTED.**

**WANTED IN N. W. OHIO, SOUTHERN Mich., or eastern Ind.,** grain and coal business, or will buy half interest with right parties. Address Interest, Box 4, Grain Dealers Journal, Chicago, Ill.

**IF YOU WANT TO BUY** an elevator make it known to the grain elevator men of the country advertising in the "Elevators Wanted" column of the Grain Dealers Journal, Chicago, Ill.

**WANTED—By a practical grain man** an interest in an elevator with party having money to operate the business. At present am running the grain business for other parties and making good money. Address, Box 63, Stafford, Kansas.

**WANTED ELEVATOR** in western Ohio or eastern Ind., on own ground, handling not less than 100 cars of grain in an average year. No objection to feed and coal in connection. Address Lock Box 75, West Milton, Ohio.

**200 ACRES DAIRY STOCK** and fruit farm, 5½ miles from good town on Frisco Ry., a money maker, to trade for an elevator or half interest in one. Price \$5,000. Address A. D., Box 5, Grain Dealers Journal, Chicago, Ill.

**ELEVATOR BROKERS.**

**C. A. BURKS,** Decatur, Ill., buys and sells elevators.

**WE BUY AND SELL ELEVATORS.** FOR INFORMATION WRITE THE TRI-STATE GRAIN COMPANY, SIOUX FALLS, SO. DAK.

**R. W. JETER,** The elevator salesman, has buyers for your plant or he has a plant for you if you want to buy. Write him at once. R. W. Jeter, Ashton, Ill.

**JAMES M. MAGUIRE,** Campus, Ill., Elevator Broker, can suit you in an elevator from \$5,000 up. Can give good terms on many of them. Write for information or to make appointments.

**JOHN A. RICE,** Frankfort, Ind., exclusive elevator broker every day of the year. Over 1,000 listed, have sold 116. Reliable work in every case. Send us your lists and wants with full information first letter. Charge seller 2 per cent.

**MILLS FOR SALE.**

**GRIST MILL FOR SALE.** 50 bbl. capacity in first class shape. Good location; good farming community. Will sell all or half interest. Address Lock Box 30, Bloomdale, Wade Co., Ohio.

**FEED MILL, FLOUR AND coal business** in small town, in good farming section in southern Michigan; only 13 miles from Detroit on M. C. R. R. Also 5M bus. elevator; good house and barn; building cannot be put up today for price asked; good reasons for selling. Address Feed Mill, Box 1, Grain Dealers Journal, Chicago, Ill.

**FEED MILL FOR SALE,** doing practically all the feed business in a good town of 1,000 inhabitants and adjoining territory. Equipped with a 16 h. p. Fairbanks engine, also good feed mill and plenty of room for storage. Will sell for one-fourth cash and balance on easy payments. Good reasons for selling. A money maker for a hustler. Address Lock Box 4, Lakota, N. D.

**CENTRAL ALABAMA.** Corn and feed mill for rent or sale. Best location for mill in state; large territory with mill in transit rates; large storage warehouse with mill, 500 feet E. R. track on mill property; meal, chops, cracked corn, horse and mule feed, dairy feed (alfalfa and plain) and poultry feed the product of this mill; up to date machinery; capacity meal 2,400 bu., chops or cracked corn 2,400 bu. feed two cars a day 24 hours. Address Box 676, Montgomery, Ala.



## BUSINESS OPPORTUNITIES.

**WANTED**—By largest country shippers of kaffir corn in West, correspondence with eastern buyers with view of establishing business. Address Shipper, Box 4, Grain Dealers Journal, Chicago, Ill.

**WANT TO EXCHANGE** land and income property for mill or grain and feed business. Plant not to exceed 12,000. Will give big deal for a good business. J. A. Frick, Eldorado Springs, Mo.

**FOR SALE**—Active working interest in old established Cincinnati grain and hay house, doing a large business. Part cash, balance realty, if necessary. Address Estep, Box 5, Grain Dealers Journal, Chicago, Ill.

**NORTHERN OHIO.** For sale an up to date seed and wool house, fully equipped with cleaners and elevators. Located in best seed country in Ohio. Good shipping facilities. Address Northern, Box 3, Grain Dealers Journal, Chicago, Ill.

**FACTORY PLANT** in town of 1,200, good farming country near Cincinnati. Practically new machinery for feed grinding, corn meal and wheat cleaning; also complete butter making creamery, warehouse and corn crib. Address H. J. Whitacre, 23 W. 7th St., Cincinnati, Ohio.

**FOR EXCHANGE**—Fine half section of land, well improved within one mile of town of 800, only 75 miles N. W. of the metropolis of state (South Dakota). An excellent laying farm, good soil, and a good locality, practically every foot of the land can be farmed. I want to get in the grain business and my price is absolutely right, as will be found upon investigation. No agents, deal direct with owner. Here is a chance to get a good deal. Address R. M., Box 5, Grain Dealers Journal, Chicago.

**IDAHO.** For sale, the most complete seed, grain, hay and coal house in Idaho, if not in the northwest. Where crops never fail and the best seed producing section in the world; 1/2 block ground; 260 ft. trackage; 86,000 bu. elevator; track scales; most modern buildings; machinery for cleaning, grinding, etc. Built in 1908-9. Been established here 19 years. Doing all the business we can handle. I have decided to retire from business. You can double purchase price in a few years. If interested write me, but it takes some money. Box 687, Boise, Idaho.

## SCALES FOR SALE.

**SCALES** for elevators and mills, lowest price. Chicago Scale Co., Chicago.

**FOR SALE**—Two 500 bu. Fairbanks Hopper scales in good repair. Inquire of W. F. Starz & Co., Fowler, Ind.

**SCALES** of all kinds repaired, rebuilt, tested and sealed. Elevator and mill scales our specialty. All work guaranteed. Address Young Bros., 1 Bridge St., Toledo, O.

## FOR SALE.

- 17 Portable platform scales.
  - 22 Dormant warehouse scales.
  - 19 Wagon scales, all sizes.
  - 7 R. R. track scales, all sizes.
  - 40 to 80 ft. including almost new.
  - 44 ft. 100 ton with recording beam.
- SOUTHERN SCALE CO.,  
407 North 4th St., St. Louis, Mo.

## TO BUY SELL RENT or LEASE an ELEVATOR

Place an ad. in the "Wanted" or "For Sale" columns of the GRAIN DEALERS JOURNAL of Chicago. It will bring you quick returns.

## HELP WANTED.

**WANTED—EXPERIENCED MEN** to handle grain and lumber stations in Iowa. Neola Elevator Co., Home Insurance Bldg., Chicago, Ill.

**WANTED MEN TO MANUFACTURE** article that will pay from \$5 to \$15 daily. Can be done during spare moments. An especially good proposition to elevator men. No experience necessary. Send 50c for sample. Success Sales Co., Dept. E., Hancock, Minn.

**WANTED**—A thoroughly experienced grain man, capable of taking charge of an elevator, hay and feed business in a town of 20,000 in Wisconsin. We want a man who is thoroughly conversant with all details in the grain and hay business, one who is capable of buying and merchandising. State experience and salary expected. Address Wisc., Box 4, Grain Dealers Journal, Chicago, Ill.

## SITUATIONS WANTED.

**WANTED POSITION AS MANAGER** of elevator. 12 yrs. experience in buying corn and oats. Best references. Address K. C. W., Box 4, Grain Dealers Journal, Chicago.

**WANTED POSITION** as bookkeeper with milling or elevator company, by young man. Experienced; good references. Address J. A., Box 5, Grain Dealers Journal, Chicago.

**POSITION WANTED** by an elevator superintendent with several yrs. experience; competent of taking full charge; first class reference. Address Competent, Box 7, Grain Dealers Journal, Chicago.

**WANTED POSITION** as station agent by married man 30 yrs. of age with 7 yrs. experience handling flour, feed, coal and grain. One year as traveling salesman. Or can take interest in paying business. Can furnish best of references. Address J. W. Douglass, Apache, Okla.

## SITUATIONS WANTED.

**POSITION WANTED** as business solicitor, well acquainted with cent. Ill. Prefer consignment house. Address Solicitor, Box 5, Grain Dealers Journal, Chicago.

**POSITION WANTED AS BUYER** or superintendent of elevator. Several years' experience; competent of taking full charge; first class reference. Address Superintendent, Box 5, Grain Dealers Journal, Chicago.

**YOUNG MARRIED MAN** with 8 years experience would like position as manager of country elevator. References. Address R. O. Y., Box 3, Grain Dealers Journal, Chicago, Ill.

**WANT A JOB** as grain buyer, manager of an elevator, engineer, traveling solicitor or any position connected with the grain business? If so, make your wants known to progressive grain dealers who are in need of experienced help through the "Situation Wanted" column of the Grain Dealers Journal.

**AN EXPERIENCED MAN** who has been with one firm for 15 years as manager of a large line of country elevators would like to get a similar position or as a traveling solicitor for an up-to-date firm. Can furnish many good references. Address Moneymaker, Box 7, Grain Dealers Journal, Chicago.

**SITUATION WANTED** by married man 28 yrs. old with 6 yrs. experience in grain, lumber and coal business. Have been with my present employer 6 yrs. but wish a position where there is chance for promotion. Address Experience, Box 2, Grain Dealers Journal, Chicago, Ill.

## PARTNERS WANTED.

**YOU CAN SECURE** a partner if you make your wants known to the grain trade thru the Partners Wanted column of the Grain Dealers Journal.

# A POSTAL TESTIMONIAL

## THE WANT AD.

**ELEVATOR** at Good Grain point wanted in exchange for good corn and wheat farm near Lamar, Mo. C. J. Meyer, Peotone, Ill.

## THE EFFECT

*Grain Dealers Journal  
Chicago*

*Reents:—Yours of the 15th is at hand. In reply say that I have quite a number of replies to my "ad" and others coming, so you may discontinue my "ad" for the present. Very respy. yours, C. J. Meyer  
Peotone, Ills. Nov. 18.*

Opportunities are quickly found by a want ad. in the Grain Dealers Journal.



## GRAIN WANTED.

**SALVAGE GRAIN.** We buy grain salvage in any quantity, wet or dry. American Cattle & Poultry Food Co., Binghamton, N. Y.

**NEW WHEAT AND OATS** of every description wanted. Mail samples and name price delivered Philadelphia. Address L. F. Miller & Sons, Phila., Pa.

**WANTED**—Off grade and salvage wheat and corn of every description. I make a specialty of it. C. C. Lewis, Chamber of Commerce, Buffalo, N. Y.

## HAY WANTED.

**HAY & STRAW WANTED**—Correspond with us. W. J. Armstrong Co., Milwaukee, Wis.

**HAY & STRAW WANTED**—Correspond with us. T. D. Randall & Co., 92 Board of Trade, Chicago, Ill.

**WANT HELP?**

Then consult the "Situations Wanted" columns of the Grain Dealers Journal.

## FLOUR FOR SALE.

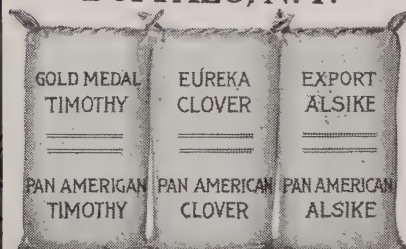
**MIXED CARS** of flour and mill feeds in 100-pound sacks are our specialties. Would like to send you a trial to convince you of the superiority of our products. Ansted & Burk Co., Springfield, O.

## Advertising

Must first attract, then interest, and finally convince. Keep advertising and the country shipper will give you the preference.

**SEEDS FOR SALE—WANTED**

**Whitney-Eckstein Seed Co.**  
BUFFALO, N. Y.



Timothy, Red Clover, Alsike, Alfalfa, White Clover, Crimson Clover, Canada Bluegrass, Redtop, Millets, Lawn Seed, Orchard Grass, Seed Grains, Peas, Popcorn, Etc.

**Correspondence Solicited**

**If Your Business**

isn't worth advertising  
advertise it for sale.

**Cover's Dust Protector**

Rubber Protector, \$2.00

Send postpaid on receipt of price; or on trial to responsible parties. Has automatic valve and fine sponge.

**H. S. COVER**

124 Perley St., SOUTH BEND, IND.

**SEEDS WANTED**

**CLOVERS**—(Medium Red and Alsike)  
TIMOTHY

**Garton Cooper Seed Co.**  
SUGAR GROVE, ILL.

THE ALBERT  
**DICKINSON**  
COMPANY  
**SEEDS**

Timothy  
Clover  
Flax  
Agricultural

CHICAGO

Grain Bags  
Pop-Corn  
Seed Corn  
Beans, Peas

MINNEAPOLIS

**ALL SEEDS SOLD**

Forty-eight inquiries from one insertion of an ad. in the "SEEDS FOR SALE" columns of the

**GRAIN DEALERS JOURNAL, CHICAGO**

**THE AD.**

**FOUR CARS NEW TIMOTHY SEED**

for sale. Write for samples and prices. Yost & Morley, Libertyville, Ia.

**THE PROOF**

Libertyville, Ia., Aug. 20, 1911.

Gentlemen:—Please discontinue our "Seeds For Sale" ad., as we have sold all. We have received 48 inquiries up-to-date.

Respectfully, **Yost & Morley.**



## SEEDS FOR SALE—WANTED

### SEEDS FOR SALE.

**ALFALFA SEED** for sale. My raising. \$10 a bushel. Sample on request. J. H. Smith, Sterling, Kansas.

**SEED WHEAT.** Poole, Gipsy, Mediterranean. The best yielding and milling varieties. — Thoroughly re-cleaned and graded. Write for samples, guarantee, and prices. C. C. Vale, R. 9, New Carlisle, O.

**IF THE SEEDS YOU WANT** are not advertised here, write us. We keep a record of seed offered for sale and may be able to refer you direct to firms having what you want. Seed Dept. Grain Dealers Journal, Chicago, Ill.

### FOR SALE

**Alfalfa Seed Timothy Seed**  
**THE NEBRASKA SEED COMPANY**  
OMAHA, - NEBRASKA

**The Toledo Field Seed Co.**  
**Clover and Timothy Seed**

Consignments solicited. Send us your samples.  
**Toledo, Ohio.**

**The Indiana Seed Co.**  
Indianapolis, Ind.

We are in the market for Clover, Timothy, Alsike and other field seeds.

Send samples for our bids

**THE ILLINOIS SEED CO., Chicago, Ill.**

**WE BUY AND SELL**

**TIMOTHY, RED, WHITE ALSYKE AND ALFALFA CLOVERS, RED TOP MILLETS, BLUE GRASS, SEED, GRAIN.**

Ask for Prices. Mail Samples for Bids



Headquarters for Wisconsin Grown Timothy and Clover Also Dry Land Montana Grown Alfalfa  
**ROSENBERG & LIEBERMAN**  
MILWAUKEE, WIS.

**CLOVERS CLIMAX SUPERFINE BRAND GRASSES**

**W. H. Small and Company**

SEEDSMEN

Also RECEIVERS and SHIPPERS OF GRAIN and HAY  
EVANSVILLE, INDIANA

CLOVERS



GRASSES

### SEEDS FOR SALE.

**ORCHARD GRASS AND BLUE GRASS.** Ask for free booklet, samples and prices, car lots or less. Louisville Seed Co., Louisville, Ky.

**JOHNSON GRASS AND ALFALFA SEED.** New crop. Figure with us, indicating quantity of each wanted and time of shipment. Put us on your list for prices on all kinds of feed and field seeds. Dallas Grain & Seed Co., Dallas, Texas.

### ALFALFA SEED

Utah and Idaho grown. We are the largest primary dealers in the west and received highest award at Exposition Universelle, Paris, France, 1900.

**THE C. A. SMURTHWAITE CO.**  
**OGDEN, - - UTAH**  
Est. 1887

### SEEDS WANTED.

**WANTED FIELD SEEDS,** all varieties. Quote, with samples. J. Oliver Johnson, Chicago, Ill.

**TIMOTHY, ALFALFA, CLOVER AND seed corn.** Supply samples and quotations. The M. G. Madson Seed Co., Manitowoc, Wis.

**OATS WANTED.** Carload of Swedish select or big four. Send us samples and state lowest price. Theo. Burt & Sons, Melrose, Ohio.

**RED RIVER EARLY OHIO SEED** potatoes. We also want to buy timothy seed, car lots or less; send samples; also Brome grass-millet seed, etc. N. J. Olsen Co., Moorhead, Minn.

### IF YOU WANT

the Top of The Market for your  
**TIMOTHY SEED** Mail 2 oz. samples for bids to

**SEED G. S. MANN, BROKER**

512 Postal Telegraph Bldg., CHICAGO, ILL.

**A. ROUSSET, 38 Rue De Louvre, Paris**

**WHOLESALE SEED EXPORTATION**

CLOVERS, ALFALFA

GRASSES A SPECIALTY

### White Kaffir Corn

guaranteed to arrive cool and sound. Wire or write us for firm delivered quotations.

**J. BOLGIANO & SON, Baltimore, Md.**

Please mention Grain Dealers Journal.

Established 1875

**The M. G. MADSON SEED COMPANY**

**SEED GROWERS, IMPORTERS and MERCHANTS**

Send for Samples and Price

**MANITOWOC, WISCONSIN**

**Have 10,000 Bu. CHICKEN FEED WHEAT on hand**

Wire or Write for Samples and Prices

**HUHN ELEVATOR COMPANY**

Chamber of Commerce, MINNEAPOLIS, MINN



**Minneapolis Seed Company**  
Minneapolis, Minn.

**SEEDS**

**OUR SPECIALTY IS TIMOTHY**

Send Samples for Prices



## The INVINCIBLE ADVANTAGES

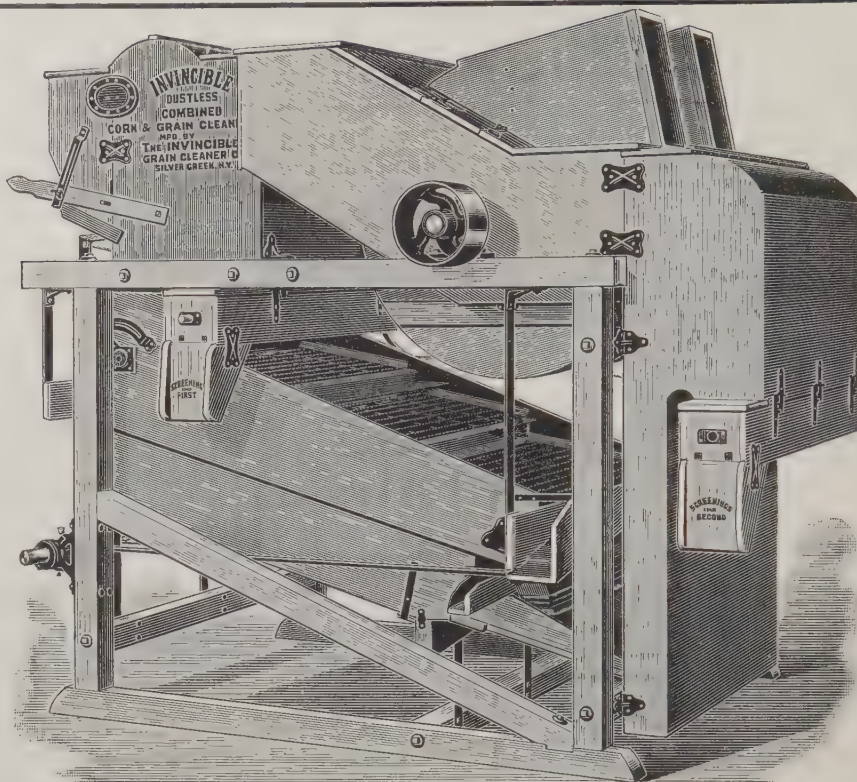
of our

Compound Shake Dustless  
Combined Corn and Grain

## CLEANER

1. It cleans two kinds of grain without change of screens.
2. Change can be made in a moment.
3. It makes a thorough air separation of the grains.
4. The separation is under perfect control.
5. It requires no bracing and will not shake the building.
6. It will pay for itself in a short time.
7. It is built under our personal supervision.
8. We guarantee it to do the work intended.
9. We will ship you a machine on 30 days' trial.

Write Us for Particulars.



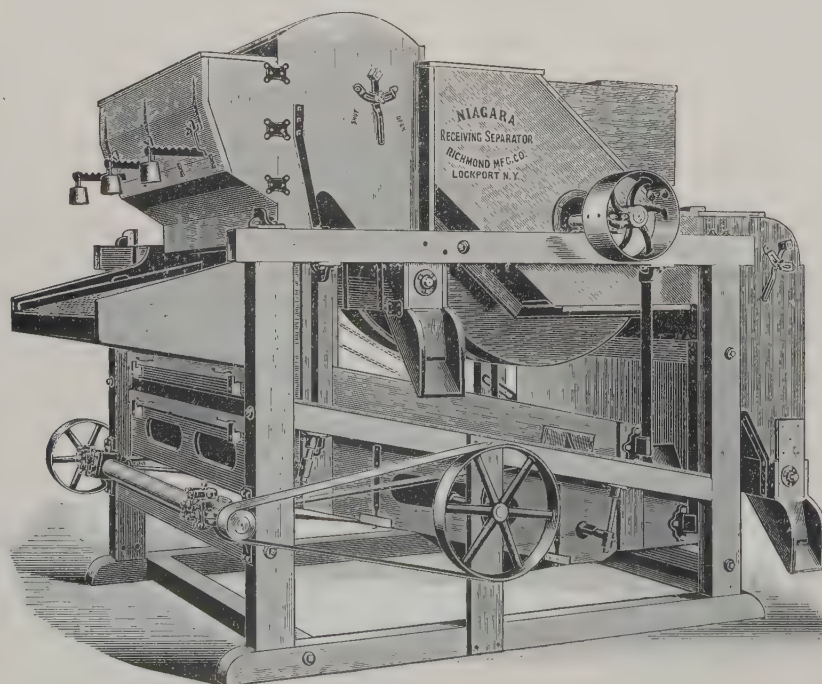
## INVINCIBLE GRAIN CLEANER CO. SILVER CREEK, N. Y.

F. H. MORLEY, Jr., 512 Traders Bldg., Chicago, Ill.  
C. L. HOGLE, 622 Board of Trade, Indianapolis, Ind.  
C. WILKINSON, 6027 Chestnut St., Philadelphia, Pa.  
CHAS. H. STERLING, Jefferson House, Toledo, Ohio.

REPRESENTED  
BY

F. J. MURPHY, 225 Exchange Bldg., Kansas City, Mo.  
F. E. KINGSBURY, Terminal Hotel, St. Louis, Mo.  
J. J. CROFUT & CO., 612 McKay Bldg., Portland, Ore.  
STRONG-SCOTT MFG. CO., Minneapolis, Minn.

SPECIAL SALES AGENTS: BUCKLEY BROS., Louisville, Ky.,



## Niagara Receiving Separator

Especially adapted for cleaning all kinds of grain.

**Steel Sieves  
Ring Oiling Boxes**

Built of steel, wood or wood covered with steel, in capacities from 30 to 4,000 bushels per hour.

## Richmond Mfg. Company

LOCKPORT, N. Y.

Established 1863

J. H. PANK, Northwestern Representative, 916 Flour Exchange Building, Minneapolis, Minnesota



## GRAIN DEALERS JOURNAL

Published on the

10th and 25th of Each Month

by the

### Grain Dealers Company

315 S. La Salle Street, Chicago, Ill.

CHARLES S. CLARK, Manager

#### SUBSCRIPTION RATES

To United States, Canada and Mexico one year \$1.50; two years \$2.50; one copy 10 cents.  
To Foreign Countries within the Postal Union, prepaid, one year \$2.50; two years \$4.00.  
A Red Wrapper on your Journal means your subscription has expired.

#### THE ADVERTISING

value of The Grain Dealers Journal as a medium for reaching progressive grain dealers and elevator men is unquestioned. The character and number of advertisements in its columns tell of its worth. If you would be classed with the leading firms catering to the grain trade, place your announcements in the Journal.

Advertisements of meritorious grain elevator machinery and supplies and of responsible firms who seek to serve grain dealers are solicited.

#### LETTERS

on subjects of interest to those engaged in the grain trade, news items and crop reports are always welcome.

Entered at the Chicago, Ill., Post Office as Second-Class Matter Aug. 5, 1898.



GOLD MARKS SIGNIFYING QUALITY OF CIRCULATION HAVE BEEN AWARDED THE GRAIN DEALERS JOURNAL BY THE AMERICAN NEWSPAPER DIRECTORY

CHICAGO, ILL., SEPTEMBER 10, 1911.

HOW IS the grain coming to your station? What is its condition? Let our readers hear from you occasionally.

WITH all the elevators of the central markets full of grain and the receipts heavy where will the pessimists place the large imports of Canadian grain?

MONTANA, judging from the news paragraphs appearing in this number of the Journal, is very ambitious to break into the list of grain producing states. Success to it.

MILLERS who persist in docking wheat because it is scoured by power car-loaders, would seem to be devising groundless excuses for the privilege of docking the shipper.

STORAGE room is scarce in many centers and prices of some grains have been depressed as a result thereof. More terminal houses are needed in some centers, but none seem willing to invest.

A GRAIN SHIPPER at Kendallville, Ind., lost 30 bu. of wheat recently, a thief having bored a hole in the bottom of car and taken the grain away in sacks. Such a loss should fall on the railroad, not on the shipper. Grain entrusted to the care of the railroad company should be protected against petty pilferers.

SOME late receipts of barley have arrived in very bad condition, being damp and heating, with the result that few buyers care to handle it at any price. Such grain should be run thru a fanning mill, blown and thoroly cleaned before loading into car, otherwise shippers will be very likely to lose heavily on their purchase.

COUNTRY elevator men have suffered so many losses by fire, that they are now taking advantage of concrete, and several fireproof elevators are now being erected of this material at country points. Not only will this secure a low rate of insurance, but will materially reduce the fire hazard, and prove a very profitable investment in the long run.

TWO more elevators have recently collapsed and spilled their contents, one because it was overloaded, the other because of a poor foundation. In one case two employees were saved from death by a very close call. However, the barn builder is going out of business, because he finds it so difficult to obtain contracts, and hereafter fewer elevators will collapse.

ONE WEEK from tomorrow a B/L Conference will be held by the Cotton Exchanges of the South, all of whom now seem opposed to the Central Buro Validation plan, put into effect at New York the first of the month. Any plan to protect Bs/L should be broad enough to extend to all classes of Bs/L, whether issued for cotton, grain, coal or other freight.

THE CROP killing season being over, some of the experts seem to be so full of pessimism, they are unable to stop work, so are now predicting a famine in the production of potash, which we import in large quantities for fertilizer. With the supply of fertilizer cut off, next year's grain crop will not be worth even a crop expert's trip into the country. Of course not.

A KANSAS boy, who with others had turned an elevator at Paxico into a playhouse, was recently drawn down the chute and smothered. Too many children are yearly sacrificed to this privilege of playing about the elevator. It behooves every elevator man to keep children out. The dangers of the bins and the machinery are too hazardous to permit of chances being taken.

REPORTS of new elevators reach us in ever increasing number, as the years go on, and it is indeed gratifying to note the number of labor saving, grain improving facilities which are being installed in the new houses. No progressive grain man today would think of building a new house without a concrete basement, concrete dump, hoppers bins, cleaners, man-lift, shipping scales and iron covering afford to try to do business without them.

The C., M. & St. P. R. R., recognizing that it will profit by a good crop of grain in western South Dakota next year, has granted low rates on small shipments of seed grains to that section, where the shipment originates on the Milwaukee road. If the railroads of Oklahoma were as far-sighted, they also would grant special rates on seed grain, and thereby insure an increase of shipments of grain from the drouth-stricken territory next year.

IN ELEVEN more days Canada will decide whether or not it will enter into the reciprocal trade agreement with the United States. Both political parties are making a determined fight to gain control of the next Parliament, which will be elected Sept. 21st. The outcome will be watched with unusual interest by all grain dealers along the international boundary, because if the dominant party wins at the next election, the international trading in grain will be much larger than ever.

AN AGENT of an elevator company at Willmar, Minn., has been arrested for issuing spurious grain tickets and falsifying accounts. Evidently he had friends co-operating with him, to whom tickets were issued, altho no grain was received. The culprit is not likely to profit by his crime, and the prospects are that he will serve time for the deed. It is such an easy matter to detect and prove criminal practices of this character, that it would seem utter folly for any sane grain buyer to attempt it.

COUNTRY grain buyers could materially reduce their trials if they would issue the views of different experts on the proper preparation of grain for market, and send a copy to each farmer in the territory tributary to their market. Some of the farmers would be very thankful for the information, heed it, and show their appreciation by bringing their grain to the distributor of the information, that they might show how they had profited by the advice. Such a circular letter would be good advertising, and would also do the farmers enough good to warrant the expenditure.

THE U. S. Dept. of Agriculture is now supplying full sets of cotton grades to whomsoever desires, at \$30 per set, the purpose being to interest buyers and sellers thruout the land in the official cotton grades established by the department, in the hope of securing uniformity thruout the trade. The same effort will be made for uniformity in the grain trade unless the trade itself will take steps to establish and maintain uniformity. A multiplicity of varying rules and still wider variation in the grading of grain by the inspectors, always will insure differences, disputes and expensive controversies.



SIDE LINES of business may be necessary for some country elevator men to patch over their lean years, or to occupy their spare time between crops, but it seems utter folly for any business man to attempt to handle eleven different lines of business, because it is next to impossible to attain any degree of success in any one line. It should be far easier, and success far more probable, if the dealers would specialize in one or two lines, stick to them and push hard. The study of any business from different angles is necessary to attain the maximum degree of success today. Success is what all country merchants are striving for, but those who are loaded down with a multiplicity of business cares minimize their chances for even a small degree of it.

IDAHO barley buyers became so greedy for grain recently that the price finally reached 1.60 per hundred, and farmers who contracted sales at lower prices ignored their contracts, and sold their grain at the top price to other buyers. Fortunately for the buyers, who bot at reasonable figures, they took written contracts, and in some cases paid earnest money to the farmers, so the farmers will experience considerable difficulty in escaping the responsibility of their contracts. Overbidding contests between grain buyers will always fill the farmers with dissatisfaction, whether they get the top of the market or not, and invariably the grain dealer who buys the most grain during such contests is filled with disgust. Be reasonable. Let your competitor have some grain.

ON THE LAST page of this number of the Journal will be found a diagram showing the hazardous location of the five elevators at Oldham, S. D., which were burned one quiet afternoon recently. This destruction of five elevators should serve to emphasize not only the danger of building elevators close together in a row, but also the foolhardiness of permitting idle plants to remain cluttered with dirt and filth. Several states have laws forbidding the building of elevators within 100 feet of one another. There seems to be no doubt that the fire started as the result of spontaneous combustion in the basement of first elevator, as this plant was known to be in a very filthy condition, and a fire had been discovered in its pit about 3 weeks previously. Grain elevator owners who close their plants this year are being required by some mutual insurance companies not only to clean up the plants thoroughly, but to keep the weeds cut about the plant for at least fifty feet, and to employ a citizen to inspect the plant weekly, and report on its condition. Owners of idle plants who desire to keep mutual insurance on their elevators will find it necessary to give them some attention. If the owners do not show a disposition to take care of their property no one can be expected to do so. Owners who evince a real interest in the elevator and try to eliminate all the known fire hazards, influence their neighbors and the inhabitants of the town where elevator is located to take an interest in it.

THE RAILROAD boards of Iowa and Nebraska have agreed to join hands in making a test case before the Interstate Commerce Commission, to secure a ruling on the liability of carriers for shortages in coal shipments. We are at a loss to understand why the issue should be confined to coal. The common law requires carriers to deliver at destination all freight received for transportation, and most carriers acknowledge their duty to deliver at destination all grain received. Many of them are paying for shortages where claims are fully substantiated. The C., M. & St. P. and one or two other roads are trying to escape with the payment of 50%, but even the payment of this amount is an acknowledgement of their liability for the full amount.

THE MINNESOTA Railroad & Warehouse Commission is seeking authority to refuse to issue licenses to grain commission merchants who desire to engage in this line of business, and inasmuch as the commission now has authority to revoke such license, no doubt it will obtain this power, if it has not already been granted by the law. While this may be necessary, there would be no occasion for such a law or such a regulation, if all grain shippers would confine their business dealings to members of organized exchanges in the central markets. It is a very easy matter to learn who are members of such exchanges from the "Directory of the Grain Trade," which is published in the front part of the Grain Dealers Journal, and corrected up-to-date with each number.

#### THE RESULTS OF SCALE INSPECTION.

The work of the scale inspector of the Kansas Grain Dealers Ass'n during the past 2 months has brot to light additional evidence in support of the strong suspicion that the scales of country grain dealers are in need of frequent inspection. One track scale was found to be weighing heavy, because of rotten frame.

Thirty-two of the 120 wagon scales inspected were found to be weighing incorrectly because, not properly installed, frame timbers decayed, worn out, dull bearings, binding, bearings sharpened by country blacksmith, nose irons moved since installed, coping built too close to frame, beam rod out of plumb, pit filled with dirt.

Thirteen of the hopper scales were not weighing correctly because hopper built too close to bins, levers out of level, foundation not level, beam rod binding, steelyard rod rubbing.

Two of the six automatic scales were not weighing correctly because, scale capacity greater than elevator capacity and no receiving garner, wheat collected in weight box.

It is decidedly encouraging to learn that so far the Scale Inspection Department of the Kansas Ass'n has been self-supporting. The results will surely prompt the Kansas dealers to keep it so. It is much safer and far cheaper to know always that your scales are in correct working order, than to take any chances on their being wrong.

THE INDIANA Grain Dealers Ass'n has taken up the work for seed improvement in earnest, and will use its influence to interest the grain dealers and millers of the state, in hope of minimizing the amount of smut and garlic sent to market. Farmers' meetings will be held at several different points in the southern part of the state this week, and professors from the State Agricultural College will address them along the line of seed improvement. Each day new workers and new territory is enlisted in this good work. Eventually the improvement must extend to the quality and the quantity of grain marketed at every country station.

THE COST of doing business has always seemed such an indeterminate quantity to the average grain dealer, that no attempt whatever has been made to arrive at it, hence most of the dealers have guessed at their overhead expenses, and bot grain on what appeared to be a living margin. Each year's results, however, has shown that few realize a reasonable profit from their year's effort. Each season sees more and more dealers figuring closer than before, and in their more careful recording of the expense of their business must be found the doorway to permanent success. Those who engage in speculation must credit the profits or charge the losses of that part of their business to speculation, and not to the merchandising department of their business. Each department should be placed upon its own basis, and then it will be easy to eliminate that which is found unprofitable.

#### STORING FARMER'S GRAIN.

Storing farmers' grain has seldom proved very profitable or satisfactory to country grain dealers, principally because they need all their room for the accommodation of their own grain. Idaho's State Grain Commission some time ago revised its rules, and fixed the charge for storing grain in country warehouses at 75c per ton for the first 90 days, and 10c per month thereafter. This is for sacked grain.

While this is extremely low, still it is much more profitable than the practice in vogue in so many places, where competition has seemed to drive the dealers into giving their storage away without cost. The country elevator man should charge enough for storage to enable him to build extra storage for the accommodation of his farmer patrons. If he cannot realize a profit from the storing of the farmers' grain, then he should stop it, and devote his plant to the handling of his own grain.

Farmers in the neighborhood of Columbus, Ind., will hereafter hesitate to take advantage of the grain man's offer of free storage, as many of them lost heavily recently by the burning of an elevator at that point, which contained much of their grain on free storage. Had they paid the storage, the grain elevator man could have afforded to give them a storage certificate, and guaranteed them against loss by fire by keeping it covered with insurance. Free storage is unprofitable to all.



## GRADING WHEAT LOW BECAUSE OF DIRT.

The Chief Grain Inspector of Kansas has issued instructions to his deputy inspectors not to grade wheat, which meets all the requirements of No. 2 as "2" wheat if it contains more than 1/2 of 1% of weed seeds and other foreign matter.

In many eastern markets, wheat containing foreign matter is not graded down by reason of the mixture, but is blown, and the quality of the shipment improved, so as to make it admissible to the No. 2 grade. The shipper is charged a pittance for the blowing and stands the shrinkage. In the Northwest, inspectors who grade the grain stipulate the amount the shipment should be docked per bushel to allow for the dirt contained instead of grading down because of it.

All of this trouble can be overcome by shippers installing and using up-to-date cleaners. Any scooper can forward grain as it comes from the farmers wagon, but the elevator man must have modern facilities to place the grain in marketable condition, and when he does so, he is entitled to the extra value by reason of the labor he expends on the grain.

Higher prices always result in buyers being more exacting, and it is very natural that they should object to paying wheat prices for foreign matter mixed in with good grain. The stuff is not often of much value, and if shippers really desire to ship it, they will obtain a much lower freight rate by keeping it separate, feeding it to the hogs and shipping the whole lot in stock cars.

## THE WASTE PRODUCTS.

In every line of manufacture the waste products of ten and fifteen years ago are today the source of much revenue. In some stockyards it is said they have long since utilized everything but the squeal, and even that is now being transferred to phonograph records for future use. In the steel plants, nothing is permitted to go to waste. The flour mills, which for centuries spouted their rich bran into the tail race, have for ten years been kept from bankruptcy by the sale of this very same bran.

However, the country elevator man today finds the corn cob, the waste product of the corn shipper, just as much of a burden as it was twenty-five years ago, if not more so, because more of the corn is now marketed on the ear, and larger quantities are handled at many of the elevators. Some country elevator men are able to sell the cobs for fuel, while others are unable to dispose of them, even by giving them to all comers free of charge, hence at many stations thruout the corn belt are found cob burners, which greatly increase the fire hazards of the surrounding property, and occasionally some dealers, desiring profit from what is now thrown away, look at the big pile of accumulated cobs and write the Grain Dealers Journal, "What in the world can we do with them—where can we find a market for them?"

Some soil experts have recommended that cobs be hauled back to the farm and scattered over the field, thus returning to

the soil some of that which had been taken away. No doubt some farmers will soon be willing to haul back the cobs, but as yet they have not come to the full realization of their soil's loss of fertility, hence they are not fully impressed with the need or advantage of doing so.

Many elevators have been sacrificed to the grain dealer's effort to utilize the cobs for fuel. In his effort to save his back, he has kept the cob spout so close to the furnace that the hot cracking fire has thrown out fire brands and set fire to the fuel bin, and caused the burning of the entire plant.

Many different efforts have been made to utilize the cobs in the manufacture of illuminating gas, but without practical results. No doubt a fortune awaits anyone who will devise some practical use for this waste product.

## POOR GRADING OF NEW Wheat in Northwest.

The crop reports from 41 Minnesota country dealers published in the Journal Aug. 25, pages 288-289, indicated a very poor quality of wheat for this year's harvest; and since Sept. 1, when the new wheat began to show in the daily receipts at Minneapolis, the official inspection has fully borne out the forecasts of the shippers.

From Sept. 1 to Sept. 8 inclusive at Minneapolis the receipts of spring wheat have been 1,701,210 bus., against 2,106,580 bus. in the same period of 1910. This year only 2,300 bus. graded No. 1 hard, against 62,720 last year. Only 121,290 bus. graded No. 1 northern, against 705,220 bus. last year. One-third of the spring wheat receipts last year were No. 1 northern, but this year one-third, or 628,400 bus., are No. 2 northern.

Altho receipts of all grades are smaller this year than last, the arrivals of No. 3 spring are more than twice those of last year, being 466,800, against 229,240 bus. No. 4 spring grade was given to only 1,170 bus. last year, while so far this month 163,300 bus. have fallen into this poor grade. No grade this year is 121,650 bus., against only 30,000 bus. last year.

The new wheat arriving at Duluth from Aug. 22 to Sept. 2 inclusive has totaled 988 cars, as reported by H. E. Emerson, grain inspector. Of these 11 cars graded No. 1 hard, 165 No. 1 northern, 330 No. 2 northern, 257 No. 3, 50 No. 4, 6 rejected and 26 no grade; 69 cars durum No. 1, 50 cars durum No. 2, 8 cars durum No. 3 and 13 cars durum No. 4; 1 car No. 2 mixed, and 2 cars No. 3 mixed.

Prices for the low grades have yielded under the pressure of offerings. During August No. 3 spring wheat at Minneapolis sold at September price to 5 cents under, and since Sept. 1 the discount has been steadily increasing until on Sept. 9 No. 3 spring sold at 4 to 9 cents under December, No. 4 and lower grades selling at 10 to 25 cents under December delivery. Six carloads of No. 3 spring sold Sept. 9 at 99 cents, while 5 cars of new No. 1 northern sold at \$1.07.

The accumulation of low grades promises to be greater than the mixing houses can take care of, so that the discrimination by terminal market buyers against the poor wheat will be strictly enforced, and the country buyer to protect himself will need to buy each wagonload strictly on its merits, bearing in mind that the Northwestern wheat crop this year has been reduced in quality one or two grades.

## LEAKING GRAIN IN TRANSIT.

Grain dealers can help brother sufferers in collection of claims for loss by reporting to Grain Dealers Journal, Chicago, for publication the initials, number, date and condition of cars seen leaking grain in transit.

Recently we have received reports of the following leaking or bad order cars:

C. O. & G. 28233, east bound, in bad order, was set out at Mercer, Mo., Sept. 9, to be transferred; no leaks noted.—A. A. Alley, mgr. Alley Grain Co.

Wabash 61688 passed thru Milmine, Ill., on No. 71, Sept. 1, leaking corn at door and badly bulged. Did not see it until train was pulling out.—Hamman Bros.

I. C. 26421 came into Seward, Ill., about 6 p. m., Aug. 28, leaking corn; caused by sill bulging out until a space of half an inch was between the end of the floor plank and side of car. Train took siding and I made repairs in two places. Traces of leakage were also visible at both ends of car over trucks; but had no time to repair those as train did not stop long enough.—H. R. Schreiber, agt. B. P. Hill Grain Co.

Cent. of Ga. 11050 passed thru Holcomb, Ill., Aug. 28, leaking yellow corn at side of car.—Holmes Hagaman.

Soo 130514 passed thru Rosalie, Neb., Aug. 25, leaking wheat at door.—P. Christensen, local mgr. Fr. Grain Co.

C. & N. W. 67026 arrived in Arthur, Ia., Aug. 25, in train No. 34, leaking yellow corn at corner post. Train men repaired leak as best they could.—Arthur Co-op. Eltr. Co., per R. C. Stewardson, mgr.

I. C. No. 20924 passed thru Rosalie, Neb., Aug. 25, leaking wheat at drawbar.—P. Christensen, local mgr. Farmers Grain Co.

I. C. 17315 passed thru Rosalie, Neb., Aug. 25, leaking wheat.—P. Christensen, mgr. Farmers Grain Co.

C. H. & D. 11421 passed thru Scotland, Ill., Aug. 23, leaking white corn badly around drawbar. Train did not stop.—Raven Eltr. Co., per T. Maddock.

Atlantic Coast Despatch 29350 passed thru Charlotte, Ill., Aug. 22, leaking white corn at drawbar.—E. H. Young with W. A. Fraser & Co., Chicago.

C. & O. 3248 passed thru Charlotte, Ill., Aug. 22, leaking white corn at king bolt.—E. H. Young with W. A. Fraser & Co., Chicago.

## DAILY CLOSING PRICES.

The closing prices of December wheat at the following markets since Sept. 2 have been as follows:

### DECEMBER WHEAT.

	Sept. 2.	Sept. 5.	Sept. 6.	Sept. 7.	Sept. 8.	Sept. 9.
Chicago	95½	95½	96½	97	96¾	97¾
Min'polis	104½	103¾	105½	105½	105¼	105¾
*Duluth	105½	104½	104¾	104¾	104½	104¾
St. Louis	94	93½	94½	95	94½	96
Kan. City	93½	93¾	94½	94¾	94½	95½
Toledo	97½	96¾	98	98½	97½	98¾
New York	...	101½	102½	103½	103	103½
*Balt.	91½	92½	93¾	94	94	94¾
Winnipeg	98½	98¾	99½	99½	99½	99½
Liverpool	105½	107	106¾	107¾	...	108½
†Brdap't	129¾	130	131¼	131½	...	132¾

\*September wheat. †October wheat.

No. 2 red winter wheat showed strength compared with futures at Chicago during the past week. No. 2 red in store sold Sept. 2 at 89 to 91, and Sept. 9 was quoted 92½ to 93½, gaining about 1/2 cent on the December delivery. Cash No. 3 yellow and mixed corn was about 1/2 cent higher Sept. 9, at 66¼ to 66½, the December future practically unchanged. Standard oats by sample were practically unchanged at 44½ to 45, while the December delivery declined 1/2 cent during the week.

Durum wheat made a new record at Duluth, selling there higher than No. 1 northern for Minneapolis September delivery. From \$1.02½ on Sept. 2 No. 1 durum at Duluth advanced to \$1.04½ on Sept. 6, and on Sept. 9 stood at \$1.04, tho the September future declined during the week.



## Letters From Dealers

[Here is the grain dealer's forum for the discussion of grain trade problems, practices and needed reforms. When you have anything to say of interest to members of the grain trade, send it to the Journal for publication. It may draw out the views of others.]

### A SUGGESTION.

*Grain Dealers Journal:* My advice to the dealer at LaRue, O., is to follow the Golden Rule. He will find it works just as well for grain dealers as for preachers, women and children. He might add a little common horse sense to it to good advantage. It appears to me that somebody is acting the fool at that point. The writer has had experience and has found that an ill temper and overbidding never settle a scoop shovel fight.—Experience, Utopia, Ind.

### OPPOSED TO MEMPHIS' NEW CORN RULE.

*Grain Dealers Journal:* I find shippers do not approve of the new rule, providing for cob mixed corn, proposed by the Merchants Exchange of Memphis, and by direction of Pres. Metcalf, I have filed a protest. Some dealers think this is a scheme to get a rake-off on "2" corn. If the corn is so badly mixed with cobs, they can make it "4" or even sample. We can see no good reason for putting in a split grade.

What is the use of uniform grain grading rules, if every market is to put in special rules? Indianapolis has a split "White Mixed." If we are going to have uniform rules, let them be uniform in all markets, otherwise uniformity is a misleading hoax—S. W. Strong, Sec'y Ill. Grain Dealers Ass'n, Urbana, Ill.

### CROP CONDITIONS IN MINNESOTA.

*Grain Dealers Journal:* The wheat crop that has been marketed so far is very unsatisfactory on account of being out of condition and damp. The injury was done by the black rust and hot winds at the time when wheat needed cool weather.

The wheat is testing 48 to 57 lbs. per bu., most of it weighing 54 lbs., yet it is being bot as No. 2 by my competitors.

Oats are shock-stained and as most of them are of the yellow Scotch variety they will grade No. 3 in our markets.

Barley is of varied grade on account of too much rain and not having been properly cared for. It will sell for feed principally.

Flaxseed which has been threshed is fine, but the yield is light as a rule, altho some small fields around sloughs are yielding as high as 20 bus. per acre.

Our corn crop is ripening well and a few more days of good weather will put it out of the way of frost. A large acreage has already been cut for fodder.

On the whole this year is far ahead of last year, as the farmers have plenty of feed to keep their stock thru the winter and will not be forced to sell the animals as they did a year ago for lack of fodder. As potatoes and almost all garden produce is good the people are living on the fat of the land, yet some are selling out

to go farther west and rough it again, as they did here 30 years ago.—A. L. Doeg, mgr. Farmers Elevator Co., Lake Park, Minn.

### WHY MARKEY SCOOPS.

*Grain Dealers Journal:* Just a word in explanation why overbidding is indulged at LaRue, O. Milton Markey is said to have got considerable (\$800 or \$1,000) more for his elevator from W. O. Rish than he paid for it. It is said that Rish and Boyd bot the two elevators at LaRue, intending to manipulate the business there so as to make some money and their boasts to this effect got to Markey's ears, so he dipped in and spoiled their game. What is the remedy? —J. A. F.

### PROPER BINDING OF BURLAP IN COOPERING.

*Grain Dealers Journal:* I was very much interested in an article by J. G. Goodwin of the Kansas City Weighing Department, which appeared in your Journal of Aug. 25th under the heading, "Coopering Bad Ends."

While I appreciate Mr. Goodwin's good intentions in endeavoring to educate the shipper in the matter of protecting his grain from loss during transit, yet at the same time I do not agree with his methods. I express my views of the matter in the hopes of benefiting your readers.

As a railroad man I have had considerable experience in car coopering work. In the first place, Mr. Goodwin's three cleats which hold the burlap in place are wrongly applied. His first picture shows three goodly sized holes in the lining. The burlap to cover these holes should have been fastened by nailing a strip of board along its upper edge the full length of the burlap in order to prevent any grain leaking behind it. The perpendicular strips as applied by Mr. Goodwin would not serve this purpose. Strips should also have been placed along the lower edge and the sides to hold the burlap in place and make the repairing effective.

A still better way of patching broken lining is to cover each hole with burlap, using a board large enough to serve the double purpose of holding the burlap in place and reinforcing it.

It would seem to me, too, that Mr. Goodwin should have boarded the end window all the way up. My experience has shown that the loading spouts often throw the grain high in the ends of cars and leakage will result if the windows are not boarded to the top. I notice in Mr. Goodwin's leakage report that he has also found a great many end window leaks. These leaks can easily be prevented by proper coopering.

The problem of preventing leakage is an important one, and of as much interest to us railroad men as it is to grain shippers. We are all doing everything in our power to help solve the leakage question, and proper instructions to shippers and car coopers is of great value to all concerned.—Yours truly, Jas. Wigman, Green Bay, Wis.

A complete failure of cereal and hay crops in western Siberia and eastern Russia is reported by Consul General John H. Snodgrass of Moscow: The districts most seriously affected are the Shadrinsky, Kamishlovsky, Jalutorovsky, Kurgansky, Tseliabinsky, and Petropavlovsky.



### THE G. D. N. A. CONVENTION.

The Omaha people are working hard to make the annual convention of the National Ass'n a great success. The delegates may feel sure they will have a most enjoyable trip. All that remains to make the convention a memorable one is a large attendance and each day that becomes more and more assured.

The Chicago Board of Trade has already selected its delegation to represent it at the annual meeting of the Association, President Merrill having named W. N. Eckhardt, chairman, E. A. James, Geo. E. Fuller, James Norris and P. W. Seipp.

At the regular meeting of the directors of the Kansas City Board of Trade held Aug. 29, the president was authorized to appoint a committee of three whose duty it shall be to secure the attendance of a large number of members at the Omaha gathering. The committee appointed: W. C. Goffe, chairman, Chas. T. Neal and J. E. Rahm.

When N. B. Updike, president of the Omaha Grain Exchange, told some friends several months ago that the fifteenth annual convention of the Grain Dealers National Ass'n, to be held at Omaha Oct. 9-11, would be the greatest in the history of the organization from one standpoint at least—that of entertainment supplied the visiting delegates—he evidently knew what he was talking about.

That the assertion was not made as an idle boast, but that he was speaking advisedly with a full knowledge of what the grain men in Omaha were going to do to make the stay of the delegates one long to be remembered, is beginning to come to light as news from the Nebraska metropolis gives more details of the preparations that are being made for the entertainment of the visitors.

The program prepared by the local committee is nearing completion. The Omaha Grain Exchange, the Omaha Commercial Club and a number of other organizations are working together to make the annual meeting a memorable one.

There is to be a big theater party on Monday night, Oct. 9, for the entertainment of the visitors and their ladies, and on Tuesday night an elaborate banquet will be given. This banquet will cost the local committee at least \$5 a plate.

The manager of the publicity bureau of the Omaha Commercial Club has in print over 4,000 invitations which are to be sent out at once. These will be followed a little later by a letter inclosing a post card for notice of attendance. All local members will send special invitations to their friends in the trade.

Thus far this much of the program has been completed:

Invocation—Rev. Thomas J. Mackay, pastor of All Saints' Episcopal church, Omaha.



Address of Welcome on behalf of the City—Hon. James C. Dahlman, mayor of Omaha.

Address of Welcome on behalf of the Omaha Grain Exchange—Mr. N. B. Updike, president.

Never in the history of the Grain Dealers National Ass'n has there been such a large number of requests for arbitration as have been filed within the past week. From Aug. 22 to Aug. 28 five new cases have been started, making twelve requests for arbitration contracts within the past thirty days.

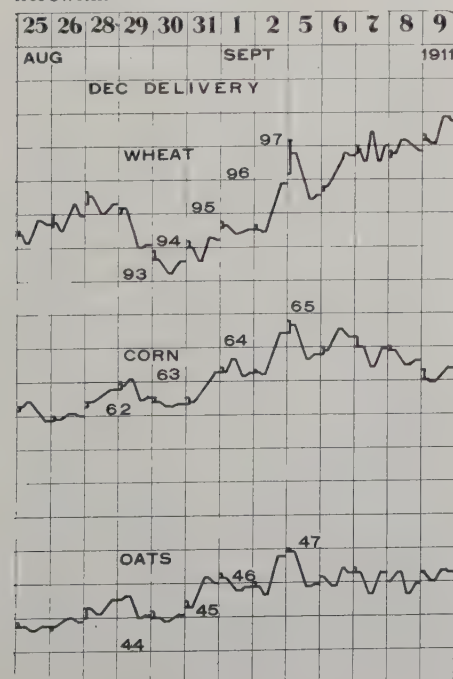
There are now five cases in the hands of the Arbitration Committee and fifteen cases in course of preparation. These, added to the twelve new requests for contracts, make 32 cases in all now before the Ass'n.

It is not likely that all of these cases will ever reach the Arbitration Committee, as some of them will be settled en route, but a large proportion of them will, making the work of the committee most arduous. That the members of the Association owe much to their faithful Arbitration Committee is manifest from the above. The efforts of the committee to unravel the tangled skeins of misunderstanding created by members in their dealings with one another, and to administer absolute justice to all, should receive the warmest appreciation of every member of the Ass'n, for theirs is but a labor of love, done with the highest and best motives.

Gasoline when exposed to the air collects moisture from the air in the same way that a glass of cold water gets wet on the outside when left standing in a warm room. Gasoline is cold on the surface when evaporating and water is continually condensing on its surface and settling to the bottom. This accounts for water in gasoline; hence gasoline tanks should be kept covered. To remove water from gasoline strain thru a chamois skin.

## Chicago Prices

The opening, high, low and closing quotations on wheat, corn and oats for the December delivery at Chicago for two weeks past are given on the chart herewith.



### MY CREED.

I believe in working, not weeping; in boosting, not knocking and in the pleasure of my work.

I believe that a man gets what he goes after; that a good deed done today, is worth two done tomorrow.

I believe in courtesy and kindness; in generosity and good cheer; in friendship, and in honest competition.

JOS. B. DEIBLER.

## Asked— Answered

[Readers who fail to find information desired on any subject of interest to grain dealers should send us their query for free publication here. The experience of your brother dealers is worth consulting. Replies to queries are solicited.]

### REVERSING TELEPHONE CHARGES.

*Grain Dealers Journal:* Is there any law to compel telephone companies to reverse the charges? The telephone company here will not reverse the charges on messages.—F. P. McFadden, Twelve Mile, Ind.

### WHO BUYS COBS?

*Grain Dealers Journal:* Can readers of the Journal give us the address of a few concerns which buy cobs, as we always have a surplus and would like to have some way of getting rid of them that would pay for the handling.—F. J. Townsley Elevator Co., Emison, Ind.

### LAW ON RENTAL OF RIGHT OF WAY?

*Grain Dealers Journal:* Will the Journal please inform me whether there is a law by which the Interstate Commerce Commission can control the rate of rental to be collected by the railroad company when a grain shipper has his elevator located wholly or partly on railroad ground?

I have built coal sheds which will require 105 ft. extension of track. For the extension the C. & O. R. R. Co., of Indiana wants \$118 and it also asks me for \$25 per year rental for a strip of land 16 ft. wide and 500 ft. long, making one-fifth of an acre not worth over \$50.—F. P. McFadden, Twelve Mile, Ind.

*Ans:* The Interstate Commerce Commission does control rental rates for elevator sites on railroad right of way to the extent of insisting that all shippers must fare alike under similar conditions. There can be no discrimination by charging one elevator owner a higher rate than another. The only definite expression by the Commission on this point is a ruling made by it informally in conference June 20, 1911, that "Under a lease in which a nominal rental is reserved a private person has erected a grain elevator upon land belonging to an interstate carrier: held that the arrangement constitutes an undue preference."

Since ground values vary enormously according to the level of real estate values in different towns and cities the railroad and the Interstate Commission it would seem must concede a low rate to the elevator owner in a town where the adjacent lots are cheap; and a charge of \$25 a year for a strip of ground worth only \$50 is obviously unfair, unreasonable and extortionate.

### JUSTIFICATION OF REQUISITION FOR FURNISHING CAR OF 40,000 LB. CAPACITY.

*Grain Dealers Journal:* Kindly advise us whether we are in a position to ask the C., B. & Q. Ry. to furnish us a car of 40,000 lbs. capacity for grain loading? We have 800 bus. of No. 2 white corn, and are unable to get more to fill a car of larger capacity. The company's agent here states requisition of said car is useless.—Mathis Bros. & Co., Prophets-town, Ill.

*Ans:* Cars of the above capacity are rapidly going out of use; though the railroad company continue to furnish them for said purpose, time is required. Where an immediate shipment is desired the railroad company would no doubt furnish car of larger capacity, and bill same of capacity requested. This point rests entirely with the railroad, as the tariffs state that only cars of general use shall be furnished.

### RECEIVERS SHUD NOT GUARANTEE PREPAID FREIGHT

*Grain Dealers Journal:* With reference to our letter published in the Journal for August 25th we would like to say that a receiver would not be able to protect himself in the way that you suggest for the reason that grain is sold on sight draft terms mostly and the drafts have to be paid long before the arrival of the cars and freight bills.

Of course by dealing only with reliable firms we run a small chance of any trouble in this line, but it seems to us that we ought not to be asked to take any more chances with a shipper than he takes with us. If the carriers issue Bills Lading marked "prepaid" enabling the shippers to draw for the freight charges as well as the original value of the grain, they ought to release the receivers from all claims for these charges and collect from the shippers. When the charges on a single car amount to over \$100 we might be called upon to stand quite a loss on this account.—Very truly yours, The Holden Grain & Feed Co., Ticonderoga, N. Y.

### HIS CORPSE.

(With apologies to Longfellow.)

The market's slow and dull and dreary,  
The Bears pound on and seem never weary.  
My brokers buy on each decline,  
The wheat pours in in endless line,  
And the market's dull and dreary.

The market's slow and dull and dreary,  
The Bears pound on and seem never weary.  
My thots still cling to a big advance,  
But the Longs act tired and won't take a chance,  
And the market's dull and dreary.

Be still, old Bull, and cease repining,  
In the Golden West the Sun's still shining;  
Unbroken drouths, as experts know,  
Mean fields where threshers will not go.  
Hay, corn and oats are all short, too,  
And Europe's needs will prove your view.  
By Owen & Jennings' Office Boy.

Saskatchewan reported 15 degrees frost Sept. 7, yet Winnipeg Oct. wheat closed 1/8 lower than day before.

More small stock fire insurance companies have been retired from business this year than ever before except under some single big conflagration; and it is common knowledge a large number still are to be retired before the end of the year. Cutting rates to get business is expensive.



## Crop Reports

Reports on the acreage, condition and yield of grain and field seeds, as well as on the movement to country markets, are always welcome.

### ILLINOIS.

Gibson City, Ill., Sept. 4.—Corn prospects are fine. We expect to have shelled corn on the market in October.—J. T. Oxley, of Noble Bros.

Urbana, Ill., Sept. 5.—Of reports from the corn-growing sections of Illinois, 357 say 6.52% of the 1910 corn crop remains, 26,992,000 bus.; 424 reports rate present condition of growing corn at 88.22%, indicating a crop of 365,000,000 bus. for 1911. Concerning oats, 278 reports say "no oats of the 1910 crop remain."—S. W. Strong, sec'y Ill. G. D. Ass'n.

### INDIANA.

Indianapolis, Ind., Sept. 1.—About 75% of a corn crop in Indiana.—Geo. L. Stebbins.

Indianapolis, Ind., Sept. 1.—From Indianapolis to South Bend corn looks good.—M. T. Dillon.

Earl Park, Ind.—About ¾ of a crop of oats, graded standard. Present prospects promise ¾ of a corn crop.—J. R. Barr.

Enos sta., Morocco p. o., Ind., Sept. 6.—Corn is looking fine; will begin cutting about middle of this month.—M. W. Duffy.

Earl Park, Ind.—About 60% of an oats crop, quality good; wheat, 75% of a crop. Present prospects for corn uncertain, some very good, some indifferent. Frequently corn is found with cobs and outer covering looking big and full, but when opened it is found to be short many kernels at the sharp end.—S. W. Gaunt of Flinn & Gaunt.

Indianapolis, Ind.—Much more wheat will be sown in Indiana this year than last. Estimates are that the acreage will be increased from one-fourth to one-half because of this season's good crop and the large amount of oats put out last spring. Crop rotation aids in bringing about these conditions. The ground is easy to plow and many fields are now ready for drilling the seed.—F.

### IOWA.

Wilke, Ia., Aug. 28.—Crops in this vicinity are quite good.—W. J. Hayes, agt. H. F. Wilke.

Alden, Ia., Sept. 5.—Corn will not be as good here as anticipated; cattle feeding will be light this winter in consequence.—A. A. Burke, mgr. Farmers Eltr. Co.

### KANSAS.

Cummings, Kan., Sept. 5.—Crops look much better now than a month ago. Corn will make ¾ of a crop. Wheat was an average crop; oats bright but light.—H. W. West, agt. L. L. Coryell.

### KENTUCKY.

The Kentucky crop report for September makes the condition of corn 75% against 79% in August and 73% last September. The crop indicates 90,000,000 bus. against 105,000,000 a year ago. Wheat yield, 97% of a full crop; oats, 71%.

### MICHIGAN.

Lansing, Mich., Sept. 6.—Estimated yield of wheat in Michigan is 17 bus. Quality is 87%. Estimated number of bus. of wheat marketed in August, 2,500,000 bus. Yield of oats 27 bus. Quality is 85%. Yield of rye is 14 bus. Condition of corn is 83%. Probable yield of beans compared with an average in the state is 78%.—Frederick C. Martindale, sec'y of state.

### MINNESOTA.

De Graff, Minn., Aug. 26.—Flax 9 bus. Oats 23 bus., fair quality.—Chas. E. Welch, agt. Cargill Eltr. Co.

De Graff, Minn., Aug. 26.—Wheat 10 bus., little better than No. 3. Damaged by black rust.—James McQuaid.

Hillsboro, Minn., Aug. 30.—Wheat, 15 to 25 bus., grading No. 2 and 3 mostly.—C. F. Otto, agt. Duluth Eltr. Co.

Brooten, Minn.—Oats will yield about 20 bus. per acre, of good quality.—A. O. Erickson, agt. Atlantic Eltr. Co.

Willmar, Minn., Aug. 25.—Barley fair, 20 bus., stained, mostly feed.—O. K. Severinson, Northwestern Eltr. Co.

Brooten, Minn.—Wheat about 2 bus. per acre, quality very poor.—C. A. Nelson, sec'y-treas. Farmers Eltr. Co.

Willmar, Minn., Aug. 25.—Wheat fair, 50 to 55 lbs., 12 bus. per acre.—C. S. Olson, sec'y-treas. Willmar Mlg. Co.

Hancock, Minn., Aug. 26.—Oats good, 40 bus. Flax, 15 bus., good quality.—A. A. Davidson, agt. Cargill Eltr. Co.

Crookston, Minn., Aug. 31.—Barley good, 30 bus. Oats fine, 35 bus.—O. W. Peterson, agt. Hanson & Barzen Mlg. Co.

Halstad, Minn.—Wheat 15 bus., grading No. 2 and 3. Farmers selling freely.—S. Forseth, agt. Andrews Grain Co.

Glenwood, Minn.—Barley fair, will test 40 to 45 lbs. Flax a fair crop.—Bert Crossman, agt. Osborne-McMillan Eltr. Co.

Halstad, Minn.—Wheat 16 bus., damaged by black rust, grading No. 2 northern.—Andrew Bye, agt. Northwestern Eltr. Co.

Clara City, Minn., Aug. 24.—Barley a good average crop, 20 bus., testing 41 to 42 lbs.—Wm. Thissen, agt. Thorpe Eltr. Co.

Clara City, Minn., Aug. 24.—Oats fairly good, 32 lbs., No. 3 white and No. 4. 30 bus.—B. Janssen, agt. Northwestern Eltr. Co.

Kerkhoven, Minn., Aug. 25.—Barley fairly good, 20 bus. Flax small crop, good quality.—A. Jacobson, mgr. A. Jacobson & Co.

Clara City, Minn., Aug. 24.—Flax 12 bus., quality No. 1. Wheat poor, No. 3 and 4.—I. Orlebeke, agt. St. Anthony & Dakota Eltr. Co.

Hancock, Minn., Aug. 26.—Barley, 25 bus., testing 42 lbs. Flax, good quality, fair yield.—E. L. McDowell, agt. Duluth Eltr. Co.

Halstad, Minn., Sept. 1.—Barley 20 to 35 bus., mixed. Wheat 15 bus., mostly No. 3, 50-55 lbs.—N. O. Strommen, mgr. The Halstad Eltr. Co.

Granite Falls, Minn., Sept. 2.—Wheat is yielding from 8 to 10 bus. per acre. Oats and barley are poor.—George Dillingham, agt. Red Wing Mlg. Co.

Glenwood, Minn.—Barley an average crop, 17 bus. per acre, testing 44 to 49 lbs., good color.—R. T. Reine, agt. Osborne-McMillan Eltr. Co.

Benson, Minn., Aug. 25.—Will have about 50% of a crop of wheat, quality fair, but full of wild oats and pigeon grass.—J. J. Long, agt. Cargill Eltr. Co.

Belgrade, Minn.—Wheat poor, 1½ to 4 bus. per acre. Oats fair. Flax a poor crop. 7 bus. per acre.—P. O. Heilie, mgr. Merchants & Farmers Eltr. Co.

Hancock, Minn., Aug. 26.—Considerable grain moving. Flax, 5 to 15 bus., good quality. Oats, 20 to 40 bus.—R. W. Ehrle, agt. Northwestern Eltr. Co.

Olivia, Minn., Sept. 4.—Grain is of fair quality, about half crops compared to last year's. Corn will make a good crop.—C. G. Ployhart, agt. Crown Eltr. Co.

Willmar, Minn., Aug. 25.—Wheat 12 bus., No. 2 and 3, testing 54. Oats crop small but fair quality.—John Sandin, mgr. Farmers Co-operative Eltr. Co.

De Graff, Minn., Aug. 26.—Considerable grain moving. Wheat, 8 bus. A lot of wild oats in the wheat here this year.—F. M. Goggin, agt. Hennepin Eltr. Co.

Kerkhoven, Minn., Aug. 25.—Wheat, 3 to 10 bus. Barley, 20 bus., all feed. Oats, 25 bus., quality fair, test 32 to 35 lbs.—H. C. Rustad, mgr. Kerkhoven Farmers Eltr. Co.

Hancock, Minn., Aug. 26.—Wheat poor, 7 bus., grading No. 3 and lower. Barley 25 bus., fair quality, mostly feed.—J. A. Johnson of Johnson & Smokstad.

Clara City, Minn., Aug. 24.—Wheat 10 bus., test 52 lbs. Considerable grain moving, especially wheat.—Chris Ahlfs, mgr. Clara City Farmers Eltr. Co.

Pine Island, Minn., Sept. 8.—Grain has moved freely with good prices. It has been almost impossible to take good care of it.—Jas. Kracke, agt. G. W. Van Dusen & Co.

Crookston, Minn., Aug. 31.—Wheat No. 2, 15 bus. Barley fine, 35 bus., some stained. Oats an immense crop, 60 bus., fine quality.—S. M. Sivertson, sec'y Crookston Mlg. Co.

Moorhead, Minn.—Wheat crop is of poor quality, very little grading better than No. 3, 12 bus. Barley good, 20 bus.—Thomas Fitzgerald, mgr. Moorhead Farmers Eltr. Co.

Paynesville, Minn., Aug. 24.—Wheat damaged 50%, 7 to 10 bus., mostly No. 3 and 4; velvet chaff not so good as the blue stem. Oats are good, 30 to 35 bus., good quality.—W. Schulte, mgr. Paynesville Farmers Eltr. Co.

Benson, Minn., Aug. 25.—Wheat 9 bus., will average No. 3 northern, testing 54 lbs. Oats 30 bus., quality fairly good, grading No. 3 white.—L. A. Larson, mgr. Benson Market Co.

De Graff, Minn., Aug. 26.—Wheat 8 bus., 50 to 54 on blue stem and 50 to 56 lbs. on velvet chaff. Oats fairly good, 20 to 25 bus.—Geo. W. Welch, mgr. De Graff Farmers Eltr. Co.

Benson, Minn., Aug. 26.—Wheat very poor, damaged by black rust, 50% of a crop. Barley is fairly good, light in weight but good quality.—Tom Thronson, agt. E. S. Mooers & Co.

Crookston, Minn., Aug. 31.—Wheat better than expected, 15 bus.; most grading No. 2 and No. 3, a few cars of No. 1. Flax will yield about 10 bus. Barley and oats good.—S. C. Johnson.

Ormsby, Minn., Sept. 5.—Crops in Watonwan and Martin Counties are light, only about half. Oats average 10 to 30 bus.; barley, 10; wheat, 10 to 20; flaxseed, 5 to 10.—J. F. Hayes, mgr.

Georgetown, Minn., Sept. 1.—Wheat 12 bus., No. 2 and 3 mostly. Barley 20 bus., good quality. Practically all the barley has been sold.—J. A. Northrop, agt. St. Anthony & Dakota Eltr. Co.

Glenwood, Minn.—Wheat not over 5 or 6 bus. per acre, the poorest wheat crop we have had for some years in this vicinity. Oats fair quality, but yield not over 20 bus.—H. J. Lee, mgr. Glenwood Farmers Eltr. Co.

De Graff, Minn., Aug. 26.—Barley good quality, stained a little. Oats fair crop. Have received several loads of No. 1 wheat, but most of the wheat will be No. 2 and 3. Considerable grain moving.—Thos. Cronin, agt. Northwestern Eltr. Co.

Climax, Minn., Sept. 1.—Good crops around here; wheat, 15 to 20 bus. per acre, grades No. 2 and 3 northern; barley, 30 to 40 bus.; oats, 40 to 50 bus. Flax not yet harvested but I estimate 10 to 15 bus.—Nils K. Hoe, agt. Crookston Mlg. Co.

### MISSOURI.

Morrison, Mo., Sept. 3.—Wheat crop was fairly good; corn crop about 75%.—Morrison M. & Eltr. Co., per F. Foellr.

Columbia, Mo., Sept. 1.—Rainfall has greatly improved general conditions. The condition of corn is placed at 71, a gain of 9.8 points. Last year the condition was placed at 82. The acreage to be seeded to wheat is estimated at 106.4%. The estimated yield of flax is fixed at 3 bus., rye is given at 13.6 bus., and buckwheat 16, and barley 20.—T. C. Wilson, sec'y State Board of Agri.

Mercer, Mo., Sept. 9.—Good rains the past week and ground in excellent condition. Wheat acreage 50% larger than last year. The condition of corn averages 80% and will make a good crop if frost holds off. Liberal movement of old corn. Wheat light but quality good, some testing as high as 63 lbs. Oats only 50% of a crop. A free movement of timothy seed from this section the last 60 days but none left in the country. The new crop of millet looks good, cutting beginning, quality good but acreage light on account of the extreme dry weather at seeding time.—A. A. Alley, mgr. Alley Grain Co.

### MONTANA.

Froid, Mont., Sept. 5.—Wheat is only turning out from 6 to 12 bus., a poor yield but of fair quality. Considerable flax yet to cut, which will be damaged if we have frost before the 20th.—G. F. Hunter, agt. St. Anthony & Dak. Eltr. Co.

### NEBRASKA.

Pender, Neb., Sept. 6.—Crops fair in this locality; corn 75% of a normal crop.—G. B. Patrick, agt. Anchor Grain Co.

Beatrice, Neb., Aug. 28.—Corn is in excellent condition; barring frost will raise as much or a little more than last year or an average of about 25 bus.—B. H. Coners.

Fullerton, Neb., Aug. 24.—Corn does not look promising; early corn will probably make about ¼ of a crop and late corn a half crop if frost does not catch it.—T. H. Adamson, agt. Omaha Eltr. Co.

Bookwalter, Neb., Aug. 30.—Some good rains have brot the corn out wonderfully and present prospects promise as much as we had last year. A large acreage is being prepared for wheat.—Potts, Colwell Eltr. Co.

Rosalie, Neb., Aug. 25.—Winter wheat yields 20 to 30 bus.; spring wheat, 10 to 15; cats and barley, 10 to 20; no flax or rye. Corn looks fair; some farmers claim they will get 30 bus. per acre.—P. Christensen, mgr. Farmers Grain Co.



Avoca, Neb., Aug. 31.—Had a good small grain crop but will not have over half of a corn crop.—Nutzman & Marquardt

Elk Creek, Neb., Sept. 2.—Wheat made an average yield of extra quality. Corn prospect promises a full average.—C. B. Page, agt. Central Granaries Co.

#### NORTH DAKOTA.

Cooperstown, N. D., Aug. 24.—Fair crop of everything here.—Farmers Eltr. Co.

Portland, N. D.—Barley fair, 20 bus., grading No. 1, feed. Oats fairly good, 30 bus.—Geo. Enge.

New Rockford, N. D., Aug. 28.—Grain at this point is half harvested. Much damage by rust.—W. C. Beardsley.

Grand Forks, N. D., Aug. 31.—Wheat damaged by rust. Yield 10 to 30 bus.—R. G. Elwood, Duluth Eltr. Co.

Portland, N. D., Sept. 5.—Wheat yielding on an average of 15 bus., most No. 2.—C. F. Crawford, agt. Duluth Eltr. Co.

Kragnes, N. D.—Wheat 10 bus., quality fair, No. 3. Barley was good, 20 bus.—A. R. Necker, agt. Imperial Eltr. Co.

Grandin, N. D., Aug. 29.—Barley 20 bus., testing 40 lbs. Rye splendid.—James Ferguson, agt. Northwestern Eltr. Co.

Hillsboro, N. D., Aug. 30.—Barley fair, 15 bus. Rye good, 25 bus.—T. E. Larson, agt. St. Anthony & Dakota Eltr. Co.

Gardner, N. D., Aug. 29.—Barley 20 bus., quality poor, 40 lbs. per bu. Oats good, 40 bus.—H. W. Reynolds, agt. Interstate Grain Co.

Reynolds, N. D., Aug. 30.—Wheat 15 bus., grading No. 2 and 3. Flax will average about 12 bus.—N. E. Turner, agt. Duluth Eltr. Co.

Hillsboro, N. D., Aug. 30.—Wheat poor, damaged by black rust and hot weather, 4 bus.—P. N. Loitwood, agt. Northwestern Eltr. Co.

Hunter, N. D., Sept. 5.—Wheat 5 to 10 bus., grading No. 2 and lower. Barley mixed crop.—H. Linburg, mgr. Farmers Eltr. Co.

Cummings, N. D., Aug. 30.—Oats good but none to ship. Flax 12 bus., just commencing to thresh.—W. M. Breneman, agt. Duluth Eltr. Co.

Cummings, N. D., Aug. 30.—Wheat fair, av. 13 bus. Barley fair, 20 bus. Considerable grain moving.—Harry Johnson, agt. National Eltr. Co.

Argusville, N. D., Aug. 29.—Oats good, 40 bus., testing 35 to 37 lbs. Wheat 15 bus., grade No. 2 mostly.—W. Veitch, agt. Interstate Grain Co.

Emden, N. D., Aug. 28.—Barley fair, 20 bus. Oats and barley are good. Heavy movement just commencing.—W. E. Ryan, agt. Crown Eltr. Co.

Argusville, N. D., Aug. 29.—Barley fair, 20 to 30 bus. Wheat No. 2 and 3. Oats good but have none to ship.—A. J. Billings, agt. Anchor Grain Co.

Grandin, N. D., Aug. 29.—Wheat 10 bus.; velvet chaff is of better quality than the blue stem.—R. F. Gunkelman, mgr. Grandin Farmers Eltr. Co.

Grand Forks, N. D., Aug. 31.—Barley 30 bus., fair quality. Oats good, 35 bus. Wheat fair, 12 bus.—P. J. Kavanaugh, mgr. Russell-Miller Mfg. Co.

Reynolds, N. D., Aug. 30.—Barley 28 bus., mixed quality. Wheat 14 to 17 bus., grading No. 2 and 3.—John Murphy, mgr. Reynolds Farmers Eltr. Co.

Mayville, N. D., Sept. 5.—Wheat crop is fair, 12 bus., grading No. 1 and 2. Barley mostly feed, 20 bus.—Chris Wold, mgr. Mayville Farmers Eltr. Co.

Chaffee, N. D., Aug. 28.—Wheat 8 to 18 bus., grade No. 2. Barley 15 bus., grade No. 1 feed barley.—O. W. Pagel, mgr. Farmers Eltr. Co. of Chaffee.

Kelso, N. D., Aug. 30.—Wheat 12 to 25 bus., grading No. 2 and 3. Barley 30 bus., fair quality. Rye excellent, 30 bus.—A. J. Piers, agt. Interstate Grain Co.

Buxton, N. D., Aug. 30.—Wheat 8 to 18 bus., No. 2 and 3, mostly No. 3. Oats good, but none to ship. Barley 30 bus., test 43 lbs.—Ed. Lerenn, mgr. Buxton Farmers Eltr. Co.

Kragnes, N. D.—Quality of wheat this year is only fair, grading mostly No. 3, 8 to 16 bus. Barley 15 to 25 bus., good quality.—H. H. Egar, mgr. Kragnes Farmers Elev. & Merc. Co.

Gardner, N. D., Aug. 29.—Wheat 10 bus., No. 2 and 3 northern. Very little flax. Considerable grain moving, and threshing well under way.—C. B. Pritchard, mgr. Gardner Farmers Elev. Co.

Chaffee, N. D., Aug. 25.—Oats good, 35 bus. Flax 15 bus. per acre.—John McGuigal, agt. Amema & Sharon Land Co.

Cummings, N. D., Aug. 30.—Wheat testing 53 to 57 lbs., 8 to 20 bus. Barley mixed, testing 39 to 48 lbs., 20 bus.—I. McLaughlin, mgr. The Cummings Farmer Eltr. Co.

Emden, N. D., Aug. 28.—Considerable grain moving at present, wheat yielding 5 to 15 bus., grade No. 2. Flax is fair, 15 bus.—A. C. Zimmerman, mgr. Farmers Eltr. Co.

Emden, N. D., Aug. 28.—Wheat 12 bus., fair quality, mostly No. 2, average is 20% larger than last year. Oats crop is good, will run about 25 bus., good quality.—D. M. Mallough, agt. Dodge Eltr. Co.

Argusville, N. D., Aug. 29.—Wheat 8 to 20 bus., average No. 2 northern. Oats are good, but small acreage, test 35 to 38 lbs. Barley fair, 20 to 35 bus., test 40 to 46 lbs.—C. H. Hancock, mgr. The Argusville Farmers Eltr. Co.

Hunter, N. D., Sept. 5.—We have one of the poorest crops for years. Wheat 3 to 8 bus., grading No. 2 northern. Barley fair crop. Rye is full of kingheads and only a fair crop, probably 15 bus.—J. W. Brenner, agt. A. O. Cornell.

Fessenden, N. D., Sept. 4.—Crops are light with the exception of oats, flax and corn, which are better than average. Quality is No. 1, except barley, which is stained from excessive rain. Threshing will be completed by Sept. 25.—F. W. Crissman, agt. Osborne-McMillan Eltr. Co.

#### OHIO.

Never had a finer crop of corn between Columbus and Cinl.—F. E. Fleming, Cincinnati, O.

Blanchester, O., Aug. 30.—Prospects for corn are good; wheat a fair crop; oats light; hay light.—J. S. Dewey.

Middle Point, O., Sept. 6.—Movement of oats has been very light. Farmers are holding hay for higher prices.—H. G. Pollock.

Columbus, O.—Prospects for new corn are fairly good; the oat crop is a little short, but a good supply in Ohio; movement of wheat has dropped off.—Jas. P. McAllister.

Lisbon, O., Sept. 8.—We are receiving a good deal of wheat, altho the crop was generally light. Oats light. Farmers are ready to sow but are holding off for fear of the fly which caused damage last year.—Geo. N. McCamon.

#### OKLAHOMA.

Ponca City, Okla.—Corn around here and Tonkawa will average 30 bus. per acre, while about Bliss it will not exceed 20 bus. Our wheat crop was about the same as for the last two years. So far I have shipped but 4 or 5 cars of oats from my four stations and very little remains in farmers' hands.—J. S. Hutchins.

#### PENNSYLVANIA.

Philadelphia, Pa.—Reports from the interior of the state and nearby counties just received give promise to considerable betterment in the condition of the late crops yet to be gathered in, especially since the recent copious rainfalls.—S. R. E.

Muncy, Pa.—Wheat is very poor, won't be more than quarter of a crop from threshing returns. Oats are good and will run about 50 bu. to the acre. Big acreage of buckwheat, and corn prospects are very good.—W. J. Finkle of Ring Milling Co.

#### SOUTH DAKOTA.

Alexandria, S. D., Sept. 5.—Wheat yielding from 3 to 17 bus. Oats from 1 to 18 bus. No barley and corn will make only 50% of a crop.—J. F. Pinches, mgr. New Farmers Grain Co.

#### TEXAS.

Ft. Worth, Tex.—The recent general rains will materially assist the forage crops in western Texas but we will run short on feed crops in central and north Texas.—G. J. Gibbs, sec'y Texas Grain Dealers Ass'n.

#### WISCONSIN.

Platteville, Wis.—We will have an abundance of feed here. Crops were never better.—Shepherd Bros.

#### GOVERNMENT CROP REPORT.

Washington, D. C., Sept. 8.—The Bureau of Statistics of the U. S. Dept. of Agriculture estimates, from the reports of the correspondents and agents of the Bureau, as follows:

#### Acreage and Condition.

Crops.	Condition, —Sept. 1—		Acreage, 1911.	
	1911.	1910.	1910.	†Acres.
Corn .....	70.3	78.2	101.7	115,939
W. wheat .....	...	...	106.6	31,367
Sp. wheat .....	*56.7	*63.1	104.9	20,757
All wheat .....	*68.8	*61.7	105.9	52,121
Oats .....	*64.5	*83.3	99.9	35,259
Barley .....	*65.5	*69.8	97.0	7,038
Rye .....	...	...	96.7	1,962
Buckwh. ....	83.8	82.3	97.0	801
Flax .....	68.4	48.3	103.3	3,013
Rice .....	87.2	88.8	97.6	705
Hay .....	...	...	94.1	43,017

\*Condition at time of harvest.

†Three ciphers omitted.

#### Yield Per Acre.

The yields indicated by the condition of crops on Sept. 1, 1911, or at time of harvest, the final yields in 1910, and the averages for 1866-1910, follow:

Crops.	1911, indicated by con- dition.	1910.		Pct.
		Final.	1910.	
Corn, bu.....	23.6	27.4	87.5	
W. wheat, bu....	*14.5	15.8	98.1	
Sp. wheat, bu....	9.8	11.7	87.9	
All wheat, bu....	12.6	14.1	94.7	
Oats, bu.....	23.9	31.9	74.8	
Barley, bu.....	20.3	22.4	88.1	
Rye, bu.....	*15.6	16.3	92.9	
Buckwheat, bu..	19.6	20.9	91.1	
Flax, bu.....	7.7	4.8	164.4	
Rice, bu.....	32.1	33.9	92.4	
Hay, tons.....	*1.09	1.33	77.0	

\*Preliminary estimate of yield.

#### Hay.

A hay yield of about 1.09 tons per acre, or a total of 46,969,000 tons, compared with 60,978,000 finally estimated last year, and 63,507,000, the average annual production in the past five years, is indicated.

#### Spring Wheat.

States.	Condition at —Time of Harvest—		10-yr. Aug. 1.	
	1911.	1910.	av.	1911.
N. Dakota.....	56	33	75	60
Minnesota.....	56	83	80	61
South Dakota....	30	73	81	31
Washington' ...	85	60	82	86
U. S.....	56.7	63.1	78.7	59.8

#### Corn.

	Condition Sept. 1.		10-yr. Aug. 1.	
	1911.	1910.	aver.	1911.
Illinois .....	78	86	82	74
Iowa .....	68	82	80	68
Texas .....	39	75	71	40
Kansas .....	53	59	68	54
Missouri .....	69	83	78	61
Nebraska .....	63	68	78	64
Oklahoma .....	27	50	71	33
Indiana .....	80	85	83	80
Georgia .....	88	88	86	89
Ohio .....	83	72	80	80
Kentucky .....	73	82	84	74
Tennessee .....	92	85	82	91
Alabama .....	90	92	83	91
Mississippi .....	86	93	80	89
North Carolina..	79	86	85	78
Arkansas .....	83	91	78	82
Louisiana .....	76	90	81	76
South Carolina..	78	86	82	80
South Dakota....	74	82	82	75
Virginia .....	72	82	88	70
Michigan .....	81	77	80	81
Minnesota .....	82	83	82	81
Wisconsin .....	88	75	81	85
Pennsylvania ..	89	78	85	87
U. S.....	70.3	78.2	79.3	69.6

#### Oats.

	Condition at —Time of Harvest—		10-yr. Aug. 1.	
	1911.	1910.	aver.	1911.
Iowa .....	66	100	80	68
Illinois .....	71	94	77	68
Minnesota .....	61	67	83	63
Nebraska .....	31	78	74	39
Wisconsin .....	77	70	84	80
Indiana .....	76	94	78	77
Ohio .....	77	94	83	78
North Dakota....	66	25	79	58
South Dakota....	24	66	88	24
Kansas .....	35	91	66	35
Michigan .....	75	83	82	81
New York.....	80	93	88	85
Pennsylvania ..	79	97	84	84
U. S.....	64.5	83.3	79.5	65.7



## VARIETIES OF BARLEY.

In Farmers Bulletin 443 the U. S. Dept. of Agriculture has condensed a mass of information of value to barley growers, obtained from the various federal and state experiment stations, among the illustrations being the two engravings herewith showing the differences by which the two-rowed and the six-rowed barleys can be identified, and the grains of four varieties of hull-less barley.

At *A*, fig. 1, Nos. 1 and 3 show the ventral surface; 2 and 4 the dorsal surface of the kernels. Note the twisted appearance of the outside (lateral) kernels, compared with the straight median one. A sample of 6-rowed barleys should have twice as many twisted (lateral) kernels as straight ones. At *B*, fig. 1, are shown both dorsal and ventral surfaces of 2-rowed barley. There should be no twisted grains in a sample of 2-rowed barley.

Two types of 2-rowed barley are cultivated in the United States. One has a long, slender head which bends over or nods when ripe. The Chevalier barley is a good example of this type; and fully 90 per cent of the 2-rowed barleys grown in the Union are of this slender form. The other type has short, broad, erect heads, the awns sometimes spreading. The Primus variety is a good example of this type.

At *A*, fig. 2 are shown grains of white hull-less barley, 6-rowed, color of grain pale amber. *B*, Himalaya (Guy Naylor) 6-rowed, color bluish green. *C*, black, hull-less, 6-rowed; color, purple. *D*, 2-rowed hull-less, color dark amber. In the hooded barley, called white hull-less, when grown under ideal conditions the grains are large and plump. The 2-rowed bearded hull-less barley, *D*, can be distinguished from the 6-rowed by the larger, broader, rather flat grain, usually of a dark amber color with a brown tip.

Oderbrucker, a 6-rowed barley, produced the highest yield at the Wisconsin station. At the Minnesota station Manchuria and Russian were the best 6-rowed

varieties; Hannchen, Chevalier and Primus are the best 2-rowed. At the North Dakota stations Russian was the best 6-rowed and Moravian the best 2-rowed. At Manhattan, Kan., Tennessee winter barley led in yield. At McPherson, Kan., the 6-rowed spring varieties yielded best.

To obtain the best quality of barley it should be cut when in the hard-dough stage. The grain should be shocked in oblong rather than in round shocks. In threshing the concaves should not be set close, or there will be considerable broken grain.

I look for higher prices on hay and we are refusing to sell on deferred shipment. The farmers are holding for higher prices. The movement at present is lighter than in years.—*H. L. Robinson, Columbus, O.*

## Feedstuffs

The French government has decided to suspend the tariff on fodders as one of the first steps toward lowering the cost of living.

A heavy demand for linseed oil cake is coming from the continent of Europe on account of the dry weather in those countries.

Purity in feed and food is the purpose of a campaign being inaugurated by R. L. Kolb, commissioner of agriculture of Alabama.

Milwaukee received during August 4,750 tons of millfeed and shipped 22,152 tons against 4,545 tons received and 19,-

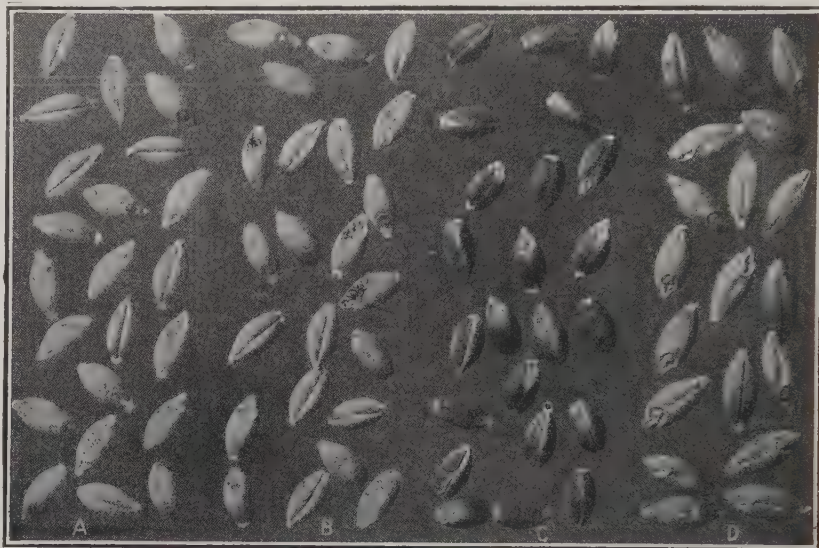


Fig. 2. Grains of Four Varieties of Hull-less Barley. After Derr, Bull. 443, Bureau of Plant Industry, U. S. Dept. of Agriculture.



Fig. 1. Grains of 6-rowed and 2-rowed barleys. After Derr, Bull. 443, Bureau of Plant Industry, U. S. Dept. of Agriculture.

140 tons shipped in August, 1910, according to H. A. Plumb, sec'y Chamber of Commerce.

August collections from the sale on inspection stamps by the Tennessee Department of Agriculture were \$1,545.60, against \$1,194 in August, 1910, as reported by A. L. Garrison, chief feed and seed inspector.

Feedstuff tax tags are being billed separately by some manufacturers and everyone is kicking. The retailers and consumers act worse than the manufacturers ever did when they were paying the bill for inspection.

It has been five years since we exported any bran to Germany. Owing to serious drouth business is now possible and we have this week sold 1,000 tons of bran for shipment to Hamburg at our full domestic limits.—Washburn-Crosby Co.

Harry Holmes Hughes, of Nashville, Tenn., has registered trade mark No. 54,081, consisting of the words "Just Feeds" and a representation of a balance scale to designate his stock and poultry food. Mr. Hughes has also been granted trade mark No. 57,709, consisting of the word "Milko," to designate his stock food.

On petition of the Geo. H. Lee Co., the federal court has recently restrained the state of Kansas from enforcing the feedstuffs law against persons outside the state who desire to do business



within the state without paying the registration fee. The attorney-general of Kansas is considering an appeal to a higher court, application for which must be made within six months.

On Oct. 1 the new Nebraska feeding-stuffs law will go into effect. Every package of commercial feedingstuff of more than 10 lbs. weight shall be marked with the net weight, name or trademark, name and address of manufacturer, importer or dealer and the chemical analysis. An inspection fee of 10c per ton must be paid and sample must be deposited with the food commissioner.

Rubber stamps for stationery and invoices of feed reading "Feed prices net f. o. b. mill, freight allowed to point named. Where tags are required, an extra charge for actual cost of tax, tags and tagging will be made," are being supplied to members of the Southern Kansas Millers Commercial Club by Sec'y F. D. Stevens, in the campaign of education to the burden imposed on the public by the feed tax laws.

Corn and oats have for the first time in the history of the grain trade become a world's proposition, due to the tremendous shortage in feedstuffs throughout Europe. France and Germany will be forced to remove the duty on corn and oats in self defense and our prices will soar toward the skies when they do. The grain trade is face to face with a feeding proposition that it has never before witnessed.—H. E. Rycroft.

State authorities of Kansas have issued a warning that the law relating to feedingstuffs will be strictly enforced. The law requires the name and address of the manufacturer or seller, the registered trade mark, the net weight of the package and the guaranteed minimum percentage of crude fibre be stated on the label. A registration fee of \$10 is required for each feed put out by a mill. Certain mills have refused to pay this fee.

The Ass'n of State and National Food and Dairy Departments held its 15th annual convention at Duluth recently. The following officers were elected: L. P. Brown, Nashville, Tenn., pres.; H. E. Barnard, Indianapolis, Ind., vice-pres.; C. H. Billings, of Alabama, 2nd vice-pres.; Joel G. Wink, Jr., of Minnesota, 3rd vice-pres.; W. M. Allen, of North Carolina, sec'y; James Faust, of Pennsylvania, treas., and Edwin Debarr, of Oklahoma, J. S. Crumrine of Kansas, and Chas. D. Woods, of Maine, members of the executive committee. The next convention will be held in Seattle in 1912.

R. C. Miller, of the United States Bureau of Plant Industry, a recent visitor to Wichita, Kan., says that federal inspection of grain and a uniform system of dockage will ultimately be established.

The Mobile Chamber of Commerce has received a letter from an official of the London Corn Trade Ass'n, stating that "it has been decided by my executive committee that a new contract shall be drawn up early in November to be applicable to the new season's business for American corn on the basis of a moisture content for No. 2 or sail grade of not more than 16 per cent at the time of shipment, such moisture to be ascertained and certified by an analyst appointed by the United States government, from samples drawn previous to the shipment. If your board has any suggestion to offer I shall be pleased to submit it to my committee."

## MEETING TRI-STATE FEED DEALERS.

The annual convention of the Tri-State Feed Dealers Ass'n at Geneva, N. Y., Aug. 22-23, was very successful in the discussion of matters of interest to those in attendance, who felt well repaid for the trip to this somewhat out of the way place.

Geneva is the point where the state makes all its tests of feedstuffs and a valuable opportunity was afforded the dealers to familiarize themselves with feed analysis and the methods of the New York Agricultural Experiment Station.

At this meeting 34 members joined the Ass'n, a big gain over the 49 who joined at the first meeting to organize at Binghamton in February. Dr. W. H. Jordan, director of the state exp. sta., made an address on "Commercial Feeds," from which we take the following:

### Commercial Feeds.

A tremendous change has come about in this industry, partly due to economics and partly to other things. The immediate factor, however, is milling by-products. It is the rise of by-products and the manufacturing of compounded feeds that is responsible for the complexity of the present situation. The first by-products we were acquainted with were the offals from the milling of wheat. Some by-products are exceedingly good. It is fortunate manufacturers have taken them up and put them on the market. It is fortunate that the manufacturers of starch, sugar, hominy, and the oil mills have saved the residue in their manufacturing processes and given them to the consumer as animal food. They are good things, standard. They represent part of the kernel, or seed, or grain suitable for feeding domestic animals. Other by-products are not of the same value.

I have some bad samples on the table. In this line, for instance, I once had positive evidence of 10 unloaded cars of peanut shells on the track at Buffalo, which we are certain went into feed. Then we heard of mixtures of wheat bran and corn cob. We are informed that breakfast food people use the kernel of the grain in the manufacture of their products and then the hull is taken and put into feed for farm animals. There is no reason on the part of the farmer why refuse materials should be used in compounding feeds in this state. Why should a man buy such materials in the form of feed, when he allows his corn stalks to rot in the field?

Take buckwheat hulls and middlings. The proportion of hulls has been gradually increasing to the detriment of the feed. The hulls that appear there naturally in the process of manufacture cannot be objected to, but they should not be introduced into the feed.

Pres. Carrier delivered his annual address; and Treas. Mudge reported a balance of \$289.

Pres. Carrier appointed the following committee on membership: J. C. Har-

rington, Montrose, Pa.; Geo. H. Strong, Warwick, N. Y.; G. F. Todd, Morrisville, N. Y.; W. T. Reilly, Cohocton, N. Y., and H. O. Hale, Norwich, N. Y.

On account of their good work in promoting the Ass'n the old officers were unanimously re-elected, as follows: Pres.—Charles L. Carrier, Sherburne, N. Y.; vice pres.—John C. Harrington, Montrose, Pa.; sec.—H. M. King, Waterville, N. Y.; treas.—M. J. Mudge, Afton, N. Y.

F. C. Jones of Bullville, N. Y., was elected an additional member of the executive committee.

H. O. Hale moved that the executive committee call a meeting for some time in February at Binghamton, N. Y. Carried.

An automobile ride about the city was taken as the guests of the Geneva Commercial Club, which also entertained the dealers with an excursion on Seneca Lake.

A visit to the state experiment station took up the forenoon of the second day and proved very instructive.

## Philippine Imports and Exports.

During the nine months ending March 31 the Philippine Islands imported 521,590 bus. of oats, 348,756,137 lbs. of rice and 57,099 bus. of beans and pease; compared with 151,231 bus. of oats, 311,369,054 lbs. of rice and 48,270 bus. of beans and pease imported in the nine months ending March 31, 1910. During the nine months ending March 31, exports of hemp amounted to 116,411 tons, compared with 120,942 tons exported during the corresponding period of 1910, according to the summary of the U. S. War Dept.

We expect heavy shipments of hay from Canada if the commercial agreement becomes a law.—E. Crosby & Co., Brattleboro, Vt.

## ELEVATOR AT HALLOWAY, Minn., Destroyed by Wind.

Empty grain elevators are generally looked upon as the common prey of every wind storm and cyclone which passes their way, and judging from the many reports reaching us during the last month, the elevators wrecked by wind this summer are up to the usual number. One of Minnesota's storms visited Halloway, and wrecked the elevator of the E. S. Mooers Elvtr. Co., which has not been operated for three years. From present indications, the plant will not be rebuilt.



Ruins of Elevator at Halloway, Minn.



## DECISION BY ILLINOIS R. R. & Warehouse Commission Upholding Moisture Test.

The Illinois Railroad and Warehouse Commission, which controls the grading and inspection of grain at Chicago and East St. Louis, gave its decision Sept. 6 on the matter of elimination of the moisture test in grading corn, following the hearing held by the Commission July 25, as reported in the Grain Dealers Journal of that date.

As forecasted in the Journal Aug. 25, page 287, the Commission decides to make no change in the rules.

From the decision we take the following:

### OPINION BY COMMISSION.

This proceeding was begun by the filing of a petition by a number of grain dealers, receivers and shippers in the state of Illinois in which they say "We do hereby request that the moisture test feature be eliminated at the earliest possible moment from the grain inspection rules of this State, we being satisfied after it having been in effect for about two years that it is impracticable and of no legitimate value to any, and that it works a great hardship on the producer and a large percentage of the shippers."

The moisture test for the grading of corn is a new method recently put in operation by the leading grain markets of the country and is rapidly being adopted throughout the entire country as the most scientific and only accurate way of determining the actual grade of corn. Without going into detail it is well understood that moisture is a controlling element in corn and especially in handling the first part of the crop early in the season, and without the moisture test as now used by this department there is no way to determine the amount of moisture in the grain. The moisture test, like many other new methods, has met more or less opposition, but the tendency of the times is to its approval.

A division of opinion, it is fair for us to state, exists among the grain men of Illinois upon the subject of the use of the moisture test, as well as the manner of its use. While the petition before us asks for the entire elimination of the moisture test the arguments made and evidence heard upon the hearing rather tended to the opinion that the Commission should not entirely eliminate the moisture test but should insert in the rule the word "approximately," thereby leaving it in a large measure to the judgment of the grain inspector. Others contend that instead of being 19 1/4% we should make it 19 1/2%. This, it occurs to the Commission, would be just as arbitrary when you reach the maximum percentage at 19 1/4% as it is at 19 1/2%.

Indefinite rules objectionable:—It will be noted from the rules that the word "approximately" is not used in any other rule. "No. 1 white corn shall be 99% white," not approximately 99% white. "No. 3 yellow corn shall be 95% yellow and sweet," not approximately. The Commission has faith in the ability of a good inspector to determine in a large measure the quality of all kinds of grain, but it cannot be contended or maintained successfully that upon the question of moisture an inspector can determine as accurately as the machine test which the evidence shows conclusively is accurate when properly operated and that they are so simple that they can be properly operated.

The Commission here quotes five letters of the many received opposing the test.

J. W. T. Duvel, crop technologist of the U. S. Dept. of Agriculture, is also quoted as speaking on the moisture test at the Bloomington meeting of the Illinois Grain Dealers' Ass'n, including his paper on "Moisture Content and Discounts," which is published elsewhere in this number of the Journal.

Geo. H. Hubbard, former pres. of the Illinois Grain Dealers' Ass'n, who spoke on the moisture test at the Bloomington meeting, is also quoted at length by the Commission in its opinion. His address appeared on page 925 of the Grain Dealers' Journal for June 25.

Other speakers reported in that number of the Journal at the Illinois dealers' convention are quoted by the Commission, which says:

The resolution then presented was voted upon and adopted by a vote of 42 for and 17 against. There were more than 200 people at the convention at this time and it will thus be seen that a large proportion of the persons present voted neither way upon this important subject.

We have called attention to this convention and its proceedings at some length for two purposes, first to show that it is a very important subject that we have under consideration and to show that there is a great diversity of opinion among the men most interested in the subject. We have gone thru this testimony and record very carefully and it seems to us that the weight of authority, everything considered, is in favor of maintaining the present rule as it now stands. It will be remembered that upon a former application when the rule stood at 19, the Commission was urged to vary it from 1/4 to 1/2 and we added 1/4 to the rule. This is a matter not alone for Illinois, but for the entire country to determine. Illinois being the largest corn raising state is very much interested in having as many and as favorable markets for her corn as possible, and we have taken pains to ascertain the feeling of other states and markets upon this subject and to that end a large number of markets throughout the United States were notified of the hearing before this Commission upon this subject and many letters were received by the Commission and asked to be filed and made a part of the record.

Seventeen letters of the many received opposing change in the moisture test rule are quoted by the Commission, and the following from the London Corn Trade Ass'n to the Chicago Board of Trade:

London, E. C., 24 July, 1911.

Secretary Chicago Board of Trade:

I am directed to inform you that it has been decided by my executive committee that a new contract shall be drawn up early in November to be applicable to the new season's business for American corn, on the basis of a moisture content for No. 2 or sail grade or not more than 16% at time of shipment, such moisture to be ascertained and certified by an analyst appointed by the United States Government from samples drawn previous to shipment.

Secretary London Corn Trade Ass'n.

### CONCLUSION.

In support of the petition it is claimed—That the moisture test should not be the determining factor in fixing the grade of corn;

Because the mechanical appliances now in use for determining the moisture content are not sufficiently accurate, and admit of too much variation to constitute them dependable devices for so important a purpose.

Because the intrinsic value of corn containing more than 19 1/4% of moisture might entitle it to a higher sale price than would accrue to other corn of less moisture content but carrying other disabilities.

That the moisture test affords a means by which a parcel of corn containing 1/10 of 1% of moisture in excess of the maximum of the grade contracted, may be applied on contract at an unreasonable and unjust discount.

The Determining Factor.—Let us look into the wording of the complaint wherein it is held primarily that the moisture test should not be the determining factor. If the moisture test is to be retained as a factor of any degree an analysis of the phraseology of the rule must disclose that degree, either by the indefinite article "A" or by the definite article "The." If in the phraseology of the rule no other requirement be found than that the corn to be graded shall contain no more than 19 1/4% of moisture, the definite article "The" is placed on the interpretation of the rule and the moisture test is declared to be the sole determining factor.

If, however, a reading of the rule discloses specifications other than that of the moisture test, the indefinite article "A" at once goes into the interpretation and the moisture test takes its place as a determining factor, to become the determining factor whenever its volume shall have exceeded its prescribed maximum. To illustrate: To receive the grade of No. 3 white corn shall be,

1. 98% white.  
2. Shall be sweet.  
3. Shall contain no more than 19 1/4% of moisture.  
4. Shall contain not more than 10% of cob-rotten, exclusive of bin-burnt or mahogany corn, and

5. Shall contain not more than 4% of dirt and broken grains.

Here we find eight determining factors, of which six by exceeding their prescribed maximums, and two, by existing at all may become the determining factor in fixing the grade.

Testers Accurate.—By comparative tests and experiments aggregating thousands, conducted by our inspection department, by all the principal terminal markets and by the United States Department of Agriculture in numerous laboratories located in all parts of the country east of the Rocky Mountains, it is shown, by evidence remarkable for its unison, that the moisture testing machines now available, will, when properly handled, give perfect and unvarying results, and that a high degree of proficiency can readily be attained by operators of ordinary intelligence.

Intrinsic value of corn.—It cannot be denied that well matured, sound, sweet and perfectly clean corn containing 19 1/4% of moisture is of higher intrinsic value than well matured and sweet corn containing only 19% of moisture but carrying 15% of unsound corn and 1% of dirt. The comparison might be carried still further to discredit the rule by proving the wide difference between the intrinsic value of well matured, sound, sweet and perfectly clean corn containing 19 1/10% of moisture and corn containing 10% of cob-rotten, 4% of dirt and broken grains, both being given the grade of No. 3; even then it would be no argument against the established moisture maximum of 19 1/4%. In every average crop of corn there is a certain percentage each of several qualities. Running through a period of years, tests, experiments and comparisons have developed a classification of uses to which these several qualities may be put.

Grades Based on Use of Grain.—In order that any one of the classified users may designate his choice of qualities all requirements have been fitted to natural conditions and distributed into grades with maximums and minimums definitely fixed so that buyers and sellers may make their contracts with the assurance that in their fulfillment they may not be subject to manipulation nor to the caprices of individuals. After selecting from a crop of corn that part which is perfect to be graded No. 1, the process of selection continues until all of that quality acceptable to the second class of users, more general than the first, has been given the grade of No. 2. With the two higher grades determined, our attention is directed to that more intermediate quality which comprises the great bulk of the corn, and here the requirements become general.

In defining the maximums and minimums of this grade we must ascertain the number and kinds of uses to which this quality which has been denied admission into the next higher grade can be put. All other specifications being agreed upon, we come to the moisture content. We begin adding moisture and continue until the question is raised as to keeping qualities both for storage and for shipment. Resultant tests show that corn of moisture content in excess of 19 1/4% is positively unsafe for storage and shipment, even in climates most favorable to it. The maximum in the uniform rules is accordingly fixed at 19% and this great Commercial quality is given the grade of No. 3.

To raise the maximum moisture content of the grade would be to disqualify it as the basis upon which to predicate purchases and sales for the movement of the one hundred millions bushels of surplus in the State of Illinois alone. Thus we see that regardless of what the other qualities of a parcel of corn may be, any comparison offered to discredit the existing rule will suggest that instead of disqualifying the grade of No. 3 as the commercial grade by raising the moisture maximum of 19 1/4% the inconsistencies of the rule might be corrected by beginning at the minimum of the grade No. 2. As to the other qualifications than moisture, namely, 5% cob-rotten and 2% dirt and broken grains, and decreasing the maximum moisture content in the same proportion as the percentage of cob-rotten and dirt and broken grains increase.

### DISCOUNTS.

The principal cause of complaint, we believe, resolves itself into one of discounts. This cause is as old as the custom of barter itself and will continue to be so just as long as men will insist upon selling something they do not own, and before its qualities can be determined. Buyers of corn, like buyers of anything else, naturally seek the least line of resistance, and the fewer the hazards they are required to assume, the more they will pay for the privilege of trading. If the seller, at any time prior to delivery, elects to take his chances with



the numerous conditions which may affect the quality of corn, and thereby obtain a price in proportion thereto, he cannot reasonably expect the firm rule upon which his original agreement was based, suddenly to become elastic so that by approximation, the burden of the disability he has brought upon himself may be shifted to the shoulders of a disinterested and impartial inspection department.

It is claimed that in former years when the fixing of grades was left to what the eye could see, the nose could smell, the tongue could taste, the hand could feel and the scales would register, there was not so much trouble over discounts. It is further held that since the adoption of the moisture test a parcel of corn showing a moisture content of 1/10 of 1% in excess of the maximum of the rule, has been discounted 2, 3 and 4 cents a bushel, a thing which could not be done, if by writing the word approximately into the rule, the inspector be given authority to exercise his judgment and probably to certify the parcel as No. 3.

The truth seems to be that in the days before the advent of practical moisture testing machines, the same parcel of corn would have contained the same amount of moisture and would have been subjected to identically the same discount according to the supply and demand just as it is today, but the seller had no way of knowing that that particular parcel thus graded and discounted, contained only 1/10 of 1% more moisture than a companion parcel which had been given the next higher grade.

Again if the request were granted, and the word approximately should be written into the rule, it is clear that the change would not cure the ills complained of. To define and limit the meaning of the word would be again to fix a definite maximum; and not to prescribe its limitations would be to invest the inspector with unbridled latitude and destroy the grade as a factor in making contracts.

**Off Grades.**—The discounting of off grade grain is a matter that for years has been the cause of more dissatisfaction to the shippers of grain to primary and terminal markets than almost any other feature of the grain business. These unsatisfactory conditions are bound to continue as long as the discounting is carried on entirely without system or supervision by exchange authorities.

**Recommend Discount Committees.**—The New York Produce Exchange realizing that a more intelligent method was needed a system was devised and put in operation a little more than three years ago that at once appealed to shippers as being so eminently fair that friction has been reduced to a minimum, if not altogether eliminated.

The committee on grain is empowered to appoint three "settlement committees," one each for wheat, corn and oats; and it is provided that on each of these committees there shall be a member of the grain committee who gives to such sub-committees an official standing. It is the duty of the several committees to meet at a certain hour each day, generally at the close of the market, to receive all samples of "off grade" grain intended to be applied on contracts and arrange the discounts.

The method of arriving at such differences is to determine what is a full average price for the "off grade" to be applied from sales of it in the open market on that day; and this is then compared with the average price obtained for the contract grade in question, with the result that an equitable discount is established. Some such method as this, if adopted, we believe, would prove satisfactory here and remove much complaint now charged to the moisture test.

In either case the same objection will arise every time the inspector discriminates against the 1/10 of 1% until the maximum shall have been raised to a point where it will comprehend the highest percentage of moisture nature can put into corn. In view of all the facts and as we believe in the interest of the corn grower as well as the shipper and consumer the Commission denies the prayer of the petition to eliminate the moisture test or change the rule.

By order of the Commission, August 29, 1911. Orville F. Berry, Chairman.

I always enjoy reading the Journal, as I know thousands of others do.—Louis S. Hill, of B. S. Wilson & Co.

We surely get some good news and hints for the grain trade in the Grain Dealers Journal.—Potts, Colwell Eltr. Co., Bookwalter, Neb.

## MOISTURE CONTENT AND Corn Discounts.

[From an address by J. W. T. Duvel, crop technologist of U. S. Dept. of Agriculture.]

The relationship between moisture content and discounts is a question which has been widely discussed by grain receivers and shippers during the past year. It is generally conceded that the intrinsic value of high moisture corn is less than low moisture corn, but what the difference in price should be per bushel is a much mooted question, altho there seems to be no good reason why such matters should not be satisfactorily adjusted between buyer and seller, tho some variation would naturally be expected depending on the supply and the demand of the particular grade in question. Corn with a high moisture content is subject to a heavy shrinkage, and likewise is much more likely to become hot and sour when stored in bulk, either in cars or elevator bins, and both of these factors must be taken into consideration in determining market values, unless the corn is intended for immediate consumption, in which case the factor of deterioration is of less importance.

The table herewith shows the discounts which should apply and the value per bushel, calculated to a uniform dry matter basis, when shrinkage alone is taken into consideration, covering a range in moisture content from 22 per cent to 12 per cent, omitting entirely the law of supply and demand, the cost of drying, and the increased danger of deterioration of corn having a high moisture content.

VALUE OF DRY MATTER IN CORN.			
Moisture content.	Per cent loss in weight by drying.	Values per bu.	Cents.
22	1.27	48 3/4	
21	2.50	49 3/4	
20	3.70	50	
19	4.88	50 3/4	
18	6.02	51 1/4	
17	7.14	51 3/4	
16	8.24	52 1/4	
15	9.30	53 1/4	
14	10.34	53 3/4	
13	11.36	54 1/4	
12		55	

Shrinkage, or loss in weight, expressed in per cent exceeds the difference in the percentage of moisture. Corn containing 22% of moisture will lose 2.5% in weight, if it is dried so that the moisture content is reduced to 20%. If the drying be continued until the moisture content is lowered from 22% to 12%, a difference in moisture content of 10%, the actual loss in weight due alone to the liberation of water, would be 11.36%, and these differences will, of course, vary depending on the original moisture content of the corn.

The third column in the chart shows the actual value per bushel of corn, containing various percentages of moisture, ranging from 48 3/4 cents for 22% corn to 55 cents for 12% moisture corn, the discount in value per bushel being 1/4 cent for each one per cent increase in moisture on the basis of the percentage of shrinkage shown in column 2.

The rate of discount or difference in value decreases gradually with the decrease in the price of corn and likewise increases as the price of corn increases. If the price of 12% moisture corn were reduced from 55c to 44c, the decrease in value for each 1% increase in moisture would be 1/4c per bushel; while if the price of corn were increased to 66c the difference in value, due to the increase in moisture, would be 3/4c per bushel. The basis of calculation here given does not, of course, take into consideration the supply and demand of any given grade of corn; the increased dan-

ger of deterioration in high moisture corn; the cost of drying, if drying be necessary, or the more important fact that it is not sufficient in the artificial drying of corn to reduce the moisture content from 20% to 19% simply to bring it within the grade, for the drying must be much more thoroly done if the corn is expected to keep in storage.

All of the large consumers of grain in this country are buying corn on the basis of actual feeding or manufacturing value; i. e., with a knowledge of its moisture content, or on a dry matter basis, and the time is not far distant when the successful grain merchant, both at home and abroad, must buy in the same manner. The conditions must change materially from what they are at present, because the bulk of our corn crop goes to market in a wet, unsatisfactory condition—I might say, in an unmerchantable condition, resulting in millions of bushels of musty or hot and sour corn.

Minnesota potato growers are enjoying the rare combination of a big crop and high prices.

Shippers should always bear in mind that the safest way for them to conduct their business is to sell their grain when they have a reasonable profit in the transaction. If a shipper had to make money in the grain business by the advances in the market, sooner or later he would hit a declining market which would, most likely, result in severe financial losses.—Harry W. Kress.

## NEW 25,000-BU. ELEVATOR at Olmitz, Kan.

Illustrated herewith is the new elevator of the Lindsborg Mill & Elevtr. Co., recently erected on the Missouri Pacific at Olmitz, Barton County, Kan., by the P. H. Pelkey Construction Co. It is a modern, up-to-date house, which is designed to be operated by one man, most of the work being done by machinery. It has a storage capacity of 25,000 bu., and cost approximately \$6,200.

The building is of special cribbed construction, covered with corrugated iron. The leg casings are of steel. A Richardson Automatic Scale is used for weighing out shipments. Power is supplied by a 6 H. P. gasoline engine. The power transmission and conveying machinery was furnished by J. B. Ehrsam Sons Mfg. Co. and the Weller Mfg. Co.



Elevator of Lindsborg Mill & Elevator Co., Olmitz, Kan.



### Von Seggern Bros.' New Elevator at Colome, S. D.

South Dakota's grain crops are very short in some sections, while in others neither the farmers nor the grain ship-

walls are iron clad inside and out. The cupola is 14x30x16 ft. high.

The office building is of brick and stands some distance from the elevator. A wagon scale is placed in front of the office with the beam inside.

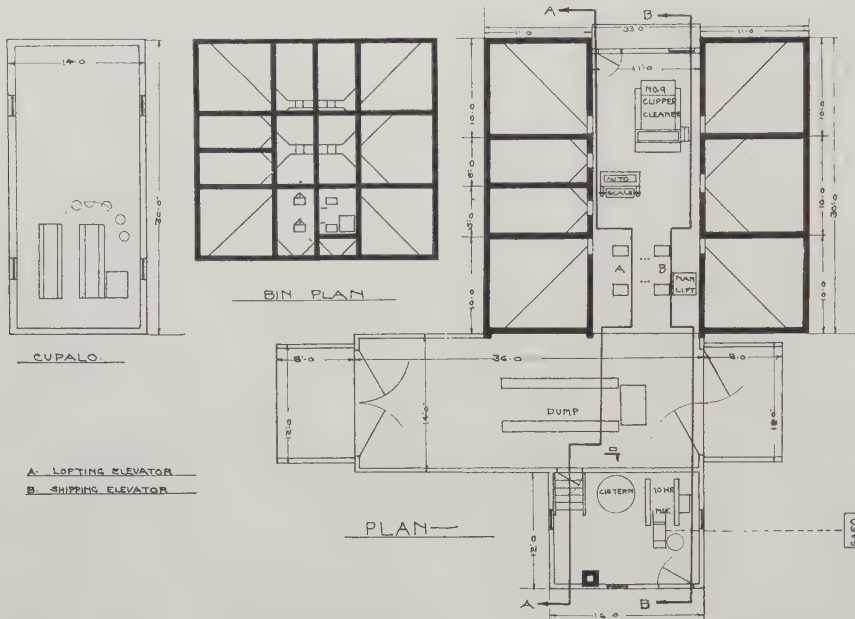
In the covered driveway is a controllable dump. The large wagon pit is steel lined and delivers grain to the boot of elevator A, which lifts the grain to the cupola where it is spouted to the various bins through a No. 715 Hall Distributor.

The return sink is steel lined and delivers grain to the boot of elevator B, which is known as the shipping elevator. It is equipped at the head with a 9 in. No. 2 Gerber distributor, which is spouted to the scale and cleaner bins and to the direct loading spout. The spouting throughout, excepting the direct spout, is built of No. 16 sheet steel. The direct loading spout is of 7 1/4 in. well casing.

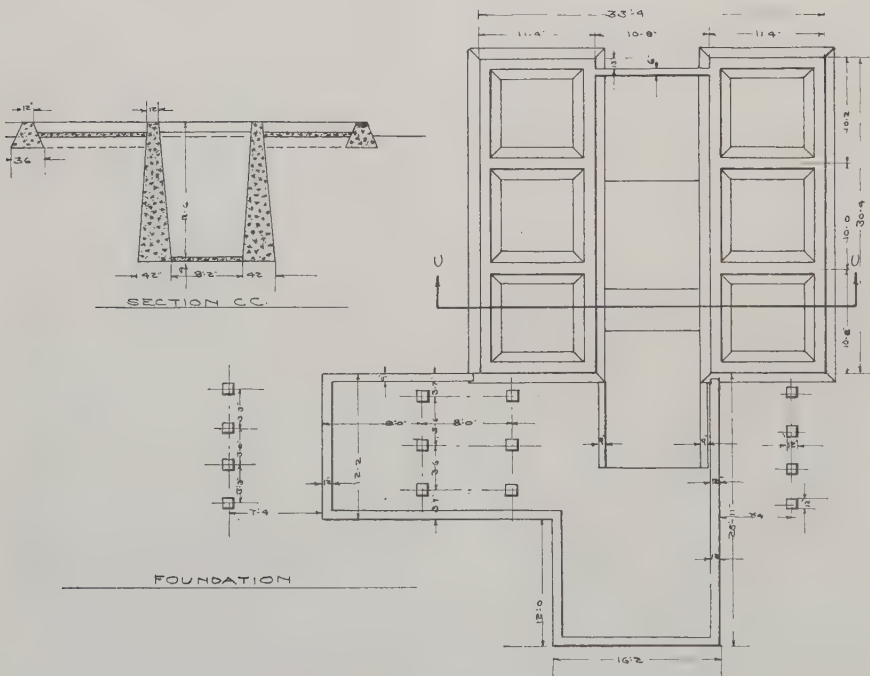
Both stands of elevators are equipped with special low-cut boots, 11x16 in. Rialto pattern cups on 12 in. belt, and rubber lagged head pulleys. The indicating and shifting mechanism for the distributors is placed upon the work floor. Provision has been made so that in case of accident to one stand of elevators, the other can perform the duty of both.

Power is furnished by a gasoline engine of 10 HP., and is transmitted from the engine, under the driveway to the line shaft in basement by means of an 8 in. belt. From the line shaft, power is transmitted to the cupola drive shaft by means of a three-strand rope drive. The elevator heads are driven from the cupola drive shaft by No. 88 link belt, properly equipped with jaw clutches, the shifting levers of which are controlled from the work floor. The engine is equipped with a self-draining circulating pump which pumps the cooling water from a 25-barrel cistern in the engine room floor.

Upon the work floor is placed a 2,000 bus. per hour Richardson Automatic Scale. It is set upon foundations sep-



Plans of Cupola, Bins, Driveway and Office.



Foundation Plan.

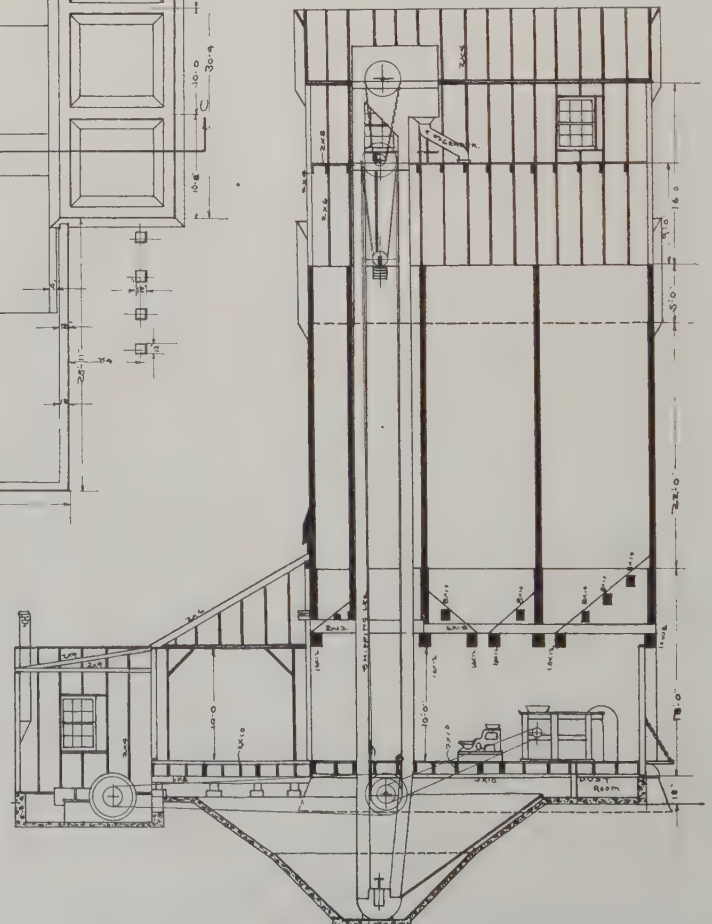
pers are complaining. Some are even building new elevators, as is evidenced by the tracings reproduced herewith of the new elevator of Von Seggern Bros. at Colome.

The foundation is of concrete and the full basement has concrete floors, so the rats cannot burrow in or out.

The main building is 30x33 ft. cribbed 45 ft. high, and divided into thirteen hopped bins. Eighteen feet of the cribbing is 2x6s and the balance is 2x4s.

The dump shed is 14 ft. wide and 36 ft. long. It is planked through with 3 in. planks. The approaches are built of 2x6s doubled and spaced 1 1/2 in. apart.

The engine room, adjoining driveway, is 12x16 feet with concrete floor. The



Longitudinal Section of Von Seggern Bros.' Elevator at Colome, S. D.



arate from the elevator so that any tremor or vibration of the main building, or unequal settling of the cribbing, will in no wise affect the operation of the scale.

A No. 9 Clipper Cleaner is installed upon the work floor, the blast from which is discharged to a dust room under the work floor. A Hastings Success Man Lift is installed to operate between the work floor and the cupola.

The exterior of the elevator, excepting the engine room, is covered with siding; the roofs are shingled, and of steep pitch.

The total cost of the plant is in the neighborhood of \$8,000. It is the first elevator to be constructed upon the extension of the C. & N. W. Ry. west from Dallas, S. Dak. The plant was designed and erected by V. E. Forrest.

I believe the American wheat crop is regularly overestimated by the Washington officials. It seems little short of ridiculous to suppose that each man, woman and child is now eating 120 pounds of bread more per annum than a dozen years ago. Government statistics indicate consumption per capita 5½ bus. in addition to quantity used for seed. This rate is about 2 bus. per head more than the generally accepted rate of former years. It was formerly hard to tell where America's big surpluses came from. Now the small surpluses can be accounted for only by much larger consumption per capita.—Geo. J. S. Broomhall.

## NOXIOUS WEED SEEDS.

In addition to the seeds of weed plants illustrated and described in the Journal for Aug. 25, page 295, Professor Hillman, assistant botanist in the government seed laboratory at Washington, has described the following weed seeds found in farm crops:

**Catmint** seeds, shown at a in the engraving herewith, are oval, dark reddish brown or darker, smooth and dull, readily distinguished by the two white scar spots side by side at one end of the seed; common in clover seed, particularly in Canadian grown alsike.

**Healall** seeds, b, are light brown, oval, with a characteristic whitish appendage at the pointed end, faint lines traversing the faces and edges; one of the commonest impurities of both domestic and imported clover and grass seeds.

**Rough-leaved Toadflax** seeds, c, are very small, oblong, having a light-brown, wrinkled surface; plants not evidently important, but the seeds, as common impurities of imported clover seed, indicate the foreign origin of the lots containing them.

**Smaller broad-leaved Plantain** seeds, d, are similar to those of rat-tail plantain, but are smaller, greenish or brown, the surface having slender, wavy dark lines; common in poorly cleaned clover and grass seed.

**Bracted Plantain** seeds, e, are similar to those of buckhorn, but they are broader, dull reddish brown, and the broad groove on one face is bordered by a white stripe; the rounded face is crossed near its center by a shallow groove; common in American-grown red clover seed; sometimes found in alfalfa and grass seeds and occasionally in imported seed; a common annual plant of light lands.

**Dwarf Plantain** seeds, f, are light brown, oval, rounded on one face, and broadly

grooved on the other; found in crimson clover seed produced in Atlantic Coast States.

**Field Madder** seeds, g, are oval, gray in having numerous white surface spots, some of the seeds having three frail, whitish teeth, others devoid of the teeth; common in seed of clover, alfalfa, and grasses; confined chiefly to imported seed.

**Cleavers** seeds, h, are coarse, circular, one face rounded, the other depressed in the center; the surface is covered with hair-bearing tubercles from which the hairs may be more or less rubbed away; the entire outer surface is sometimes rubbed away, leaving the seed smooth and brown; common in seed of coarse grasses, millets, cereals, and flax; a common impurity of imported seed.

**Wild Corn Salad** representing two kinds of seeds commonly appear in clover imported from Europe. They are brown, one kind, i, being slenderly oval and nearly smooth, the other, j, being broader and usually more or less covered with white hairs. The presence of these seeds in clover indicates its foreign production.

**Poverty Weed** seeds, k, are oval and dull brown, straight, or somewhat curved. They occur in alfalfa seed from the western states; not found in foreign-grown seed.

**Black-eyed Susan**, or yellow daisy, seeds, l, are minute, black, prismatic, finely ridged lengthwise, and 4-angled; found chiefly in timothy seed.

**Mayweed** (dog fennel) seeds, m, are oval or club shaped, straw colored or brown, ridged lengthwise, the ridges more or less distinctly tubercled; very common in both domestic and imported seed of clover and grasses.

**Field Camomile** seeds, n, are prismatic, some broad and deeply grooved lengthwise, others slender and lightly grooved or smooth; color whitish, light brown, or dark brown; common in domestic and imported clover and grass seeds.

**Scentless Camomile** seeds, o, are prismatic, the surface rough and black, one face having three prominent brown ribs, the other showing two of these ribs and a partial third rib; common in poorly-cleaned clover seed and grass seed, particularly the seed of sweet vernal grass imported from Europe.

**Corn Flower** (blue bottle) seed, p, are easily recognized by the bluish color of the body of the seed and the tawny color of the brush of bristles each bears; common in both domestic and imported coarse seeds, including crimson clover, grasses, cereals, millets, and flax.

**Cat's-ear** seeds, q, are slender, reddish brown, rough, and sometimes bear a slender beak tipped by a brush of whitish bristles; found in clover seed and grass seed, a common impurity of imported seed.

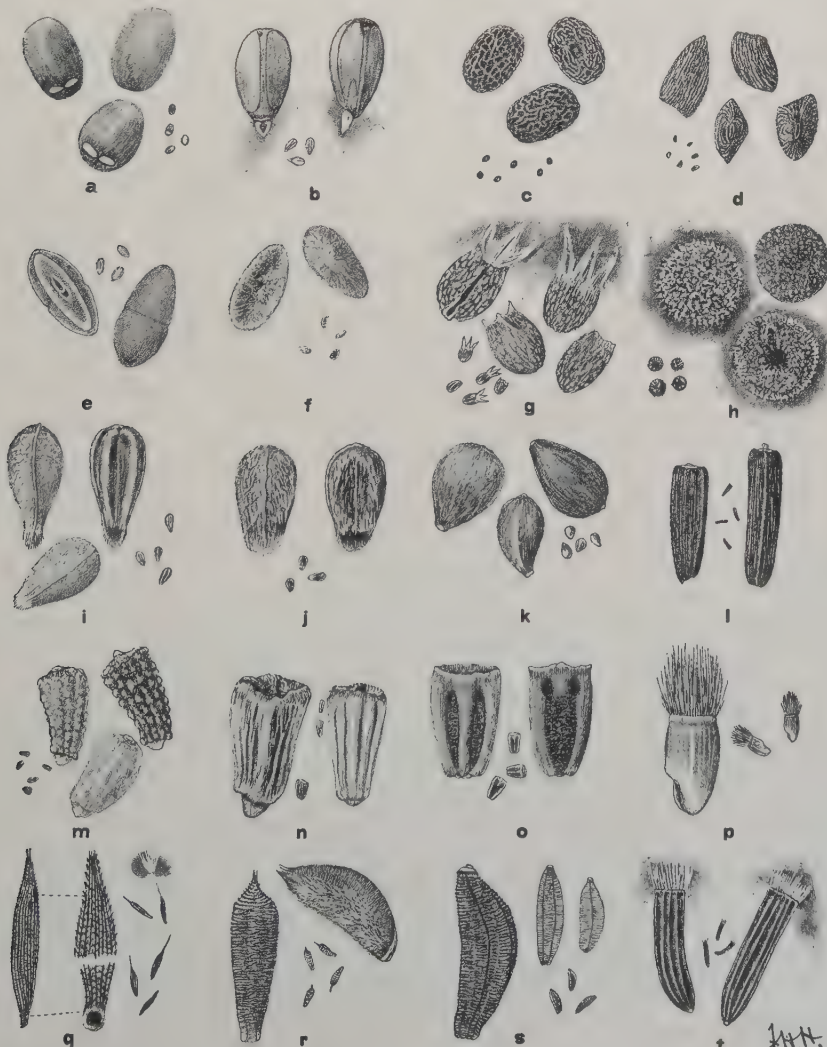
**Ox Tongue** seeds, r, are mostly lance shaped, reddish yellow, the surface having dark transverse lines, the margin at the broader end of the seed roughened (as shown at the left of the figure); a part of the seeds whitish, curved, the inner curved edge white-hairy (shown at the upper right-hand of the figure); common in poorly cleaned red clover and alfalfa seed imported from Europe; not found in domestic-grown seed.

**Hawkweed** *picris* seeds, s, are reddish brown, straight or curved, bearing fine transverse, dark-edged ridges, the faces of the seed having one or two slender grooves lengthwise; frequently found in imported red clover and alfalfa seed.

**Hawkweed** seeds, t, are small, black, cylindrical, ridged lengthwise, pointed at one end, the opposite end bearing a short brush of fine, white bristles; common in grass seed. The seeds of several kinds of hawkweed are similar. One kind is the orange hawkweed, which has proved troublesome in the Northeastern States.

The Imperial German Statistical Buro has announced that in future its crop reports will be published for the beginning instead of the middle of the month.

Wheat ranks third in area under cultivation in India, but the vast majority of the people rarely eat wheat food. The seed is sown in October and ripens in 3½ to 4 months. When the markets of Europe give indications of a profit then cultivation is immediately increased. In 8 years the production has ranged from 6,100,000 to 9,600,000 tons, and on the average 14 per cent is exported.



Seeds of Common Weeds. After Hillman, Bull. 428, U. S. Dept. of Agriculture.



## Grain Carriers

A line of railroad from Dodge City, Kan., to Colmor, N. M., will be constructed by the Santa Fe Ry.

An extension from Evansville, Ind., to Metropolis, Ill., it is said, will be built by the Evansville & Terre Haute R. R.

Big lake steamers are being towed to Chicago light to be utilized for storage of grain. Recently 400,000 bus. of oats was loaded into the steamer G. B. Wood.

The Northern Pacific is constructing a branch from Wilton to Pingree, N. D., along which line a number of grain elevators will be built this fall.

Claims for shortage in weight of coal will be refused by the C., B. & Q. R. R. Co. when the claims are based on wagon scale weights at destination.

The first cargo of grain that has left Sandusky, O., in 25 years was shipped recently from the Rosenbaum Bros.' elevators in the barge Melrose for Montreal.

Erie Canal shipments of grain to Sept. 1 have been 6,088,500 bus., against 8,769,700 bus. during last season prior to Sept. 1. Most of the falling off is due to the break in the canal.

Grain tonnage over the Chicago & Northwestern Ry. shows a decrease during August compared with last year, but the total of all traffic shows 111,632 cars loaded, against 107,953 in August, 1910.

A check on milling in transit and proportional rate shipments will be inaugurated by the carriers as a bureau in charge of Geo. A. Kimball of Kansas City, with offices at St. Louis and Minneapolis.

A cargo of wheat, the first on record, was taken recently by the steamer City of London from Toledo to Fairport, O. The grain was transferred by Rosenbaum Bros., who operate elevators at both points.

The steamer City of Genoa, loaded with 101,000 bus. of spring wheat from the northwest, collided with the steamer Gilbert in the St. Clair river and was sunk. The insurance companies have prepared to sell the cargo.

A refund of \$144.65 has been awarded by the Interstate Commerce Commission to the Delmar Eltr. Co., of Minneapolis, Minn., from the Rock Island for grain doors and repairs to cars loaded with grain at Minneapolis.

Hill & Webb, grain dealers of McKinney, Tex., have petitioned the Interstate Commerce Commission to grant reparation of \$60 excessive charges on corn in the shuck compared with shelled corn on shipments from Louisiana.

The Spring Lake Packet Co., controlled by the Smith-Hippen Grain Co. of Pekin, Ill., has increased its capital stock from \$10,000 to \$30,000. It operates a steamer and barges for transporting grain on the Illinois River.

The Hutchinson Mill Co., of Hutchinson, Kan., has filed a complaint against the Santa Fe Railroad alleging that it has to pay excessive rates on shipments of grain and grain products because the railway fails to absorb the switching charges of \$2 per car.

July grain traffic on the lakes included shipments of 5,061,000 bus. wheat, 5,190,844 bus. corn and 3,257,700 bus. oats. Shipments of barley and rye were ex-

ceedingly light. Total shipments of all commodities for July were 11,424,000 tons, against 12,789,000 in July last year.

A reduction in the lake and rail rate on flour from Minneapolis, compared with the all rail rate, will be made Oct. 6. The Interstate Commerce Commission had ruled that a differential of 2 cents was equitable, but the new rates will be 21½ cents lake and rail, and 25 cents all rail.

Rates on rye and buckwheat and milling in transit tariffs are alleged by the Blodgett Milling Co., of Janesville, Wis., to be an undue preference to Minneapolis and St. Paul, in a complaint filed with the Interstate Commerce Commission, making the C., M. & St. P. and other roads defendants.

New Orleans banks and railroads are ignoring the central bureau cotton Bs/L validation plan, which went into effect Sept. 1 at New York. The only New Orleans lines adopting the new system at New Orleans are the Leyland and Harrison. A conference of cotton exchanges has been called for Sept. 18 to consider the B/L question. Why not include the grain exchanges?

David Anderson, pres. of the Toledo Produce Exchange, has been informed by one of the traffic managers of the Lake Shore road that revision of the grain rates is under consideration. This holds out some prospect that Toledo may obtain what its grain men have long demanded, a reduction in the rate to New York compared with rates from other lake ports to New York.

Notice that box cars of 40,000 lbs. capacity or less will not be handled has been given by the Pennsylvania Lines. The company is burning its cars of old style and small capacity, because accidents are caused by light cars in the middle of a heavy train. Small cars received from connecting lines will be unloaded and the contents transferred to larger cars at junction points.

A suspension for 60 days of the order directing the N., C. & St. L. R. R. Co. to cease the reshipping privilege at Nashville or grant it to competing points has been granted by the Interstate Commerce Commission, pending a proceeding in the Commerce Court by the Nashville elevator operators to set aside the Commission's order, the roads maintaining their right to select places where the transit privileges are to be granted. Senator Luke Lea and K. T. McConnico, counsel for the Grain Exchange and the Board of Trade, presented the petition to Commissioner Clement, praying for an appeal.

The law requires the carrier to collect and the party legally responsible to pay the lawfully established rates without deviation therefrom. It follows that it is the duty of carriers to exhaust their legal remedies in order to collect undercharges from the party or parties legally responsible therefor. It is not for the Commission, however, to determine in any case which party, consignor or consignee, is legally liable for the undercharge, that being a question determinable only by a court having jurisdiction and upon the facts of each case.—Conference ruling No. 314 by Interstate Commerce Commission, superseding Rules 3 and 187. See also Rules 16 and 156.

The 72 hours free time for unloading grain in New England expired Aug. 31, and the time allowed is 48 hours. D. O. Ives of the Chamber of Commerce says: "The demurrage question has by no means reached a final settlement, as a set

of amendments to the uniform code have already been formulated by the New England demurrage committee, which has also been recommended by the American Railway Ass'n. The amendments are: First, to make a more liberal rule as to the waiving of demurrage on account of bad roads; second, a more liberal rule defining the bunching of cars so that the consignee shall not be made responsible for delays caused by no fault of his; third, certain changes liberalizing the provisions under which the shipper or receiver is allowed to get the benefit of the so-called average rule."

## CHANGES IN GRAIN RATES.

As shown by tariffs recently filed with the Interstate Commerce Commission, the carriers have made the following changes in rates:

C., H. & D. makes rates on grain and products in Sup. 5 to ICC 2423 from its stations to eastern and Canadian points; Sept. 15.

The C., N. O. & T. P. gives switching and elevation charges on grain at Cincinnati, O., in ICC 3857; effective Sept. 27.

Northwestern, in ICC 7272, makes a rate on grain between its stations in Ill., Ia. and Wis. and Mattoon, Wis.; state, Aug. 18; interstate, Sept. 20.

L. S. & M. S. in Sup. 7 to ICC A2501 gives the rate on grain and products from its stations to Me., N. H., Vt. and Can. points; Sept. 15.

K. C. Sou. makes a rate on grain and products from St. Louis, Mo., East St. Louis, Ill., to Texarkana, Tex.-Ark., wheat, 20c; corn, 18c; effective Sept. 18.

The T. P. & W. has set a rate of 8c on barley, corn, oats, rye and wheat, from Blandinsville, Bredas, Burnside, Bushnell, Ill., to East St. Louis, Ill., effective Sept. 15.

C., P. & St. L., in ICC 863, gives the rate on corn, oats, rye and wheat from T. P. & W. stations in Ill., to East St. Louis, Ill.; state, Aug. 15; interstate, Sept. 15.

K. C. Sou. has published ICC 2986 on grain and products, from St. Louis, Mo., and East St. Louis, Ill., to Texarkana, Ark.-Tex., wheat, 20c; corn, 18c; in effect Sept. 25.

B. & O. has issued Sup. 10 to ICC 8959 giving the rate on grain and products from Chicago and South Chicago, Ill., and Whiting and Indiana Harbor, Ind., to eastern points; in effect Sept. 16.

The Burlington has issued Sup. 1 to ICC 9431 giving the rate on grain and products between Kan., Neb. and Mo. points, also its stations and connections west of the Missouri river; Sept. 20.

S. W. Tariff Comm. has issued Sup. 17 to ICC 742 giving the rate on grain and products from Mississippi and Missouri river points and western and southern points to La. points; effective Sept. 12.

Big Four has published Sup. 10 to ICC 5676 giving the rates on grain and products from its stations, Cin. & Nor. and Dayton & U. stations to eastern and interior eastern points; Sept. 15.

C. & O. of Indiana, in ICC 31 makes a rate on grain and products from Chicago, Ill., Hammond, Ind., and other of its stations to New England, eastern, interior and Canadian points; in effect Sept. 15.

The Big Four makes a rate effective Sept. 15 on grain and products from Forest, Ind., to Buffalo, Pittsburg, Wheel-



ing, W. Va., Bellaire, O., Parkersburg, Huntington, Charleston, W. Va., 13c; Gauley, W. Va., 14½c.

Wabash has issued Sup. 12 to ICC 2203 showing charges on grain and products from its stations on and east of the Mississippi river, also Ill. Terminal stations and connections to eastern, seaboard and Canadian cities; effective Sept. 15.

Burlington, in Sup. 1 to ICC 10274, gives rates on grain and products between Chicago, Peoria, Ill., St. Louis, Mo., Minneapolis and St. Paul, Minn., and points taking same rates and stations in Ia. and Mo.; effective Sept. 15.

M. & O. has published rules governing the absorption of switching and drayage charges and allowances and elevation or transfer of grain at Ill. points; also rules governing switching between St. Louis, East St. Louis switching limits; Sept. 15.

K. C. Sou. has set a rate, effective Sept. 30, on flaxseed to Fort Smith, Ark., from Mulberry, Mo., of 18c; wheat, 16c; corn, 15c. Grain and products from Atchison, Leavenworth, Elwood, Kan., to Fort Smith, Ark., flaxseed, 16c; wheat, 14c; corn, 12c.

The Canadian Pacific makes rates effective Sept. 6 on wheat, corn and oats from Goderich, Owen Sound, Victoria Harbor, Ont., and Detroit, Mich., to Boston and other points taking the same rates, corn, 7c per bu.; wheat, 7½c per bu., and oats, 4c per bu.

The Toledo & Ohio Cent. makes a rate effective Sept. 16 on barley, buckwheat, kaffir corn, rye, milo maize, oats, popcorn, rye, speltz and wheat to Fostoria, O., from Amline, Arnold, Baltimore, Bannan, Basil, Bellefontaine, Brice and Columbus, O., of 6c.

The Rock Island makes a rate, effective Sept. 20, on wheat between Chicago and Waverly, Ill., of 14c; flaxseed, 17.5c; between Chicago and Peoria, Ill., wheat, 6c; corn, rye, oats and barley, 6c (on same, screenings, oat clippings and elevator dust rates apply westbound only).

Rock Island has published Sup. 21 to ICC 8851 giving the rate on grain and products between Chicago, Peoria, Rock Island, Ill., Davenport, Clinton, Muscatine, Minnesota Transfer, Minn., and rate points and Ill. Ia., Minn., S. D. and Mo. points; Sept. 20.

The T. P. & W. has reduced the rates on grain to Chicago from Breeds, Glasford, Mapleton, Orchard Mines, Rawalts and Reed City, Ill. from 8c to 7c. From

its other stations west of Peoria the rate is continued at 8c per 100 lbs. From its stations east the rate is 6c per 100 lbs.

The N. P. has established rates, effective Sept. 18, on corn, oats, rye, barley, speltz and feed between Duluth, Superior, Washburn, Ashland, Wis., to Sioux City, Ia., 15.5c; Sioux Falls, S. D., 17c; flaxseed from the named points to Sioux City, Ia., 19.5c; Sioux Falls, S. D., 18.5c.

The Rock Island makes rates on grain and products between Kansas City, St. Joseph, Atchison, Leavenworth, Kan., and Blue Grass, Sunbury, Clinton, Camanche, Folletts, McCausland, Ia.; Flaxseed, 14c; wheat, north and south bound, 11.75c; corn, rye, oats and barley, 10.75c; effective Sept. 15.

The Lehigh Valley rate, effective Sept. 18, on bulk grain, ex-lake, from Buffalo to Boston, for export, wheat, 4c per bu.; rye, 5¼c; corn, 4c; barley, 4¾c; oats, 3.7c; flaxseed, 5½c per bu. Wheat and corn rates will expire Oct. 1, the following rates then applying: Wheat, 5½c; corn, 4¾c.

C. Gt. W. makes a rate effective Sept. 30 on corn, rye, oats and barley, from Council Bluffs, Ia., Omaha and South Omaha, Neb., on shipments originating at points beyond, from which no thru rates are published, to Baton Rouge, Bayou Sara, La., Greenville, Natchez, Vicksburg, Miss., and New Orleans, La.; 20c.

Vandalia, in Sup. 1 to ICC 2568, publishes rules and regulations governing allowances for transfer of grain, car service, storage, weighing, stop-off, diversion, reconsignment rules, milling, mixing, shelling and transit privileges on grain and table of estimate weights; state, Sept. 1; interstate, Sept. 12.

Santa Fe charges are given in Sup. 40 to ICC 4032 giving the rate on grain and products between Kan., Colo. and Okla. points, also Superior, Neb., and Mississippi river points, also basis for making rates to or from Omaha, South Omaha, Lincoln, Neb., Council Bluffs and Sioux City, Ia.; also between Okla. and Kan. stations; effective Sept. 17.

The L. & N., thru Agt. A. D. Hall, makes a rate effective Sept. 12 on grain and products from St. Louis, East St. Louis, Carondelet, East Carondelet, Granite City, Madison, Venice, Ill., to Lebanon, Tenn., shelled and kaffir corn, oats, rye, barley, wheat and screenings (rye, oats, barley or wheat), 22c; to Stevenson, Ala., 26c.

Burlington rates on corn oil cake, linseed oil cake and other by products of grain from Ill., Ia., Ky., and Mo. points on the C., B. & Q. and connections to Atlantic seaboard, interior ports, eastern, Canadian and western terminal points are given in Sup. 3 to ICC 10230; effective Sept. 18.

The Wabash makes effective Sept. 23 from Council Bluffs, Ia., Omaha and South Omaha, Neb., to Texarkana, Ark.-Tex., wheat, 25½c; corn and articles taking the same rates, 23½c; from Council Bluffs, Ia., Omaha and So. Omaha, Neb., to Little Rock, Pine Bluff and numerous other Arkansas points, wheat and articles taking the same rates, 21c; corn and articles taking the same rates, 18c.

Destination weights on washed coal are not allowed by the tariffs of the C., B. & Q. R. R., so an Iowa receiver of a shipment from Kansas was informed when he sought to collect a shortage of 3,100 lbs. from the original invoice weight. This was an interstate shipment, and the carrier alleged the Iowa law compelling the railroad to give destination weight could not be enforced.

The Ia. Cent. makes rates, effective Sept. 18, from Kingston, Huron, Wapello, Grand View, Fruitland, Ia., to Kansas City, St. Joseph, Mo., Atchison, Leavenworth, Kan., flaxseed and millet seed, 14c; wheat, 13c; corn, oats, rye and barley, 11c. From Roundhouse, Hahn's Switch, Muscatine, Ia., to Kansas City, St. Joseph, Mo., Atchison, Leavenworth, Kan., flaxseed and millet seed, 14c; wheat, 14c; corn, oats, rye and barley, 12c.

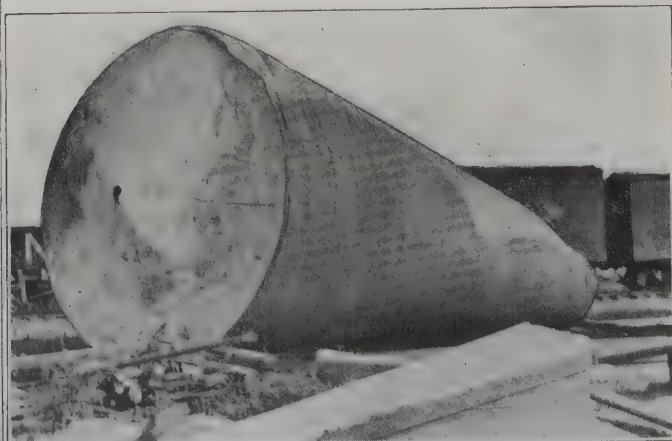
## GRAIN ELEVATOR DAMAGED BY Tornado.

The tornado which visited the grain elevator of the Stamford Mill & Elevator Co. at Hamlin, Jones Co., Tex., recently, emphasized the advantage of keeping iron grain tanks well filled with grain during the tornado season. The Stamford Co., which operates a mill at Stamford, had 4 of its tanks partly filled with grain, and these were not injured by the wind, but the fifth was empty, and the wind simply picked it up and rolled it over onto the railroad track.

Each of the tanks have storage room for 10,000 bu. Fortunately for the company, the plant was well covered with tornado insurance, so that the damage to the conveyor gallery over the tanks, as well as to the tank, amounting to about \$1,100, was covered.



Stamford Mill & Elevator Co.'s Elevator at Hamlin, Tex., after the Storm.



Steel 10,000-bu. Tank at Hamlin, Tex., Blown Down Recently.



# Seeds

Little & Duncan, of Tipton, Ia., during August paid out \$9,000 for timothy seed. August receipts of timothy seed at Toledo were 14,280 bags and shipments 8,455 bags.

The first timothy seed shipped into St. Louis this season sold recently at \$15.33 per 100 lbs., breaking all records for high prices.

Milwaukee received and shipped no flaxseed during August compared with 2,400 bus. received and 3,600 bus. shipped in August, 1910.

Receipts of flaxseed at Buffalo for the season ending Aug. 31 were only 361,704 bus., compared with 1,119,723 bus. received last season.

The first car of new flaxseed to be sold on the regular market at Chicago this season was sold Sept. 6 at \$2.60. The grade was No. 1 northwestern.

Receipts of flaxseed at Chicago during August were 72,900 bus. and shipments 2,400 bus. compared with 74,000 bus. received and 14,500 shipped in August, 1910.

Valuable suggestions to growers on saving flaxseed for sowing are given in Bulletin No. 46 by H. L. Bolley, botanist of the N. D. Agr. Exp. Sta., Agricultural College, N. D.

London, Eng., Aug. 28.—A brisk trade is passing in autumn sowing seeds, including clovers, early and late trifoliums moving freely at firm to rising prices.—*John Picard & Co.*

A wagon load of alfalfa seed was sold for \$1,005 recently by Jesse Langford, a farmer residing north of Hutchinson, Kan., to Chas. Woodell, of Nickerson. The load contained 134 bus.

Seed tests made during 1910 are reported in New York Station Bulletin 333 by G. T. French. Dodder was found in 11 per cent of the alfalfa samples and in 3.5 per cent of the red clover samples.

During August Toledo received 2,713 bags of clover seed, 1,589 of alsike and 14,280 of timothy seed, and shipped 1,010 bags of clover and 8,453 bags of timothy.—A. Gassaway, sec'y Produce Exchange.

Duluth received in August 14,341 bus. of flaxseed and shipped 148,481 bus. compared with 50,936 bus. received and 98,498 bus. shipped in the same month last year.—Chas. MacDonald, sec'y Board of Trade.

I bot from the Jackson Grain Co., Aug. 19, a car load of timothy seed and gave in payment a check for \$7,771.64, the heaviest local transaction in grain or seed ever made in Williamsburg, Ia.—W. F. Harris.

We received one wagon load of timothy seed here containing 7,760 lbs. net from Neil McKay, a farmer, and paid him \$970. We believe this beats all records.—C. A. Tubbs, Agt. Cargill Elevator Co., Hunter, N. D.

Receipts of flaxseed at Minneapolis during August were 191,250 bus. and shipments 8,590 bus., compared with 136,900 bus. received and 24,600 bus. shipped during August, 1910.—E. S. Hughes, ass't sec'y Chamber of Commerce.

The condition of clover seed Sept. 2, according to the report of the Dept. of Agri. issued Sept. 9, is placed at 68.5% against 78% a year ago, 76 two years ago

and 90 three years ago. The acreage of clover seed is placed at 63% compared with last year.

S. C. Ross, a tobacco grower near De Soto, Wis., has brot suit for heavy damages against D. F. Morton, a merchant of that place, thru whom he made a purchase of seed for 20 acres of tobacco, the crop on which proved the seed to have been of inferior quality.

The seed elevator at Moulton, Ia., built a year ago by the A. C. Croft Seed Co., at a cost of \$7,000, was destroyed by an explosion and fire at 2 o'clock a. m., Aug. 18. Four hundred bus. of timothy seed was burned. The walls were blown out; and a window and its casing was carried 300 ft. The insurance was \$5,000.

Timothy seed composed the most valuable carload of farm product ever sold on the Minneapolis Chamber of Commerce. It was a car of fancy seed consigned to Woodward & Co., and bot by the Minneapolis Seed Co., Aug. 30, at \$15.00 per 100 lbs. The net proceeds were \$9,858.16.

Insecticide decision No. 1, issued Aug. 26 by the Insecticide and Fungicide Board of the U. S. Dept. of Agriculture, declares that "insect powder" means only the powdered flowers of a certain species of chrysanthemum, and that "pyrethrum" and "pyrethrum powder" are synonymous with "insect powder."

Under the new Wisconsin law pertaining to weights and measures certain specified articles must be sold by weight only. Among them are: Clover seed, 50 lbs. to the bu.; flaxseed, 56 lbs. per bu.; rape seed, millet seed, 50 lbs. per bu.; Hungarian grass seed, 48 lbs. per bu.; bluegrass seed or red-top seed, 14 lbs.; timothy seed, 45 lbs.

Cincinnati received during the week ending Aug. 12 911 sacks of clover seed and 3,045 sacks of timothy seed and shipped 427 sacks of clover seed and 609 sacks of timothy seed; compared with receipts of 54 sacks of clover seed and no timothy and shipments of 711 sacks of clover and 569 of timothy in the week ending Aug. 20, 1910.

A statement prepared by the Winnipeg Board of Trade of the amount of grain inspected in the Manitoba grain-inspection division during the year ended Aug. 31, shows the quantity of flaxseed grown in the western provinces, that passed thru Winnipeg and that inspected at Duluth and Calgary: Winnipeg, 3,172,000 bus.; outside, 44,000; total, 3,216,000 bus.

Fire bursting thru the roof with a report like a bomb explosion destroyed the retail store of the Barteldes Seed Co., at Denver, Colo., on the afternoon of Aug. 25. The building was one of the largest and newest in the downtown district. The loss is \$45,000. General Manager Root states that orders will be filled as usual from the main warehouse of the company.

The timothy seed crop of Wayne County, Iowa, is expected to net the growers \$1,000,000 this year. It is one of the banner timothy seed counties of the United States. F. M. West, of Corydon, recently loaded into a car 87,270 lbs. of the seed, for which he had paid farmers \$10,593.47. Since July 27 Mr. West has bot 26 carloads of timothy seed at an average price of over \$5 per bu.

Field dodder is apt to appear in either clover or alfalfa, whether grown east or west of the Mississippi, and is ex-

tremely destructive. Field dodder seeds are larger than those of clover dodder, or of small-seeded alfalfa dodder, notched at the scar, rounded on one side, and variously flattened, angled, or grooved, on the other. They vary in size from 1/24 to 1/16 of an inch in diameter, and are variable in color, being yellowish, purplish, dusty or grayish brown with a decided pink or flesh cast.—*Arthur Goss, director Purdue Exp. Sta.*

Perhaps it is not unfair to say that the miles of postal service that separate the seedsman from his numberless customers have proved too great a temptation to be resisted by unscrupulous traders, who are able for a time to gather large profits through the distribution of seeds of questionable quality. Inexperienced seed users are not always able to distinguish between competent and incompetent seedsmen. Ignorance is the environment in which fraud flourishes.—*Geo. H. Clark, Canada Seed Commissioner, Ottawa, Can.*

Seed grain will be carried at a low emergency rate by the C., M. & St. P. Ry. to western South Dakota from points originating on its road west of Glencoe, Minn., west of Wells, Minn., north and west of Elk Point, S. D., on Sioux City and Dakota division, and from stations west of and including Canton, S. D., on Iowa and Dakota division. These rates of 18 to 22 cents per hundred pounds were granted by E. D. Sewall, vice pres. of the company, on application by W. G. Smith of Sturgis, a member of the South Dakota Board of Railway Commissioners. The reduced rates will expire June 1, 1912.

September receipts of red clover seed will be fair at Toledo. Last September they were 11,530 bags, or an average of about 450 bags each business day. Two years ago they averaged 250 bags, or 6,300 for the month of September. September, 1908, had the largest receipts of that season, or 33,500 bags. October receipts are generally larger than during September. They were 13,200 last October; 8,200 two years ago; 22,800 three years ago, and 56,000 in 1897, the largest of any month in any recent year. Mammoth is better than medium and has moved freely.—C. A. King & Co.

A seed dealer of Hamburg, Germany, writes C. A. King & Co.: The situation of red clover on this side of the water is quite the same as on yours, viz.: the crop has much suffered from drought. Old stocks are scarcely none. France, which last year has supplied the whole of Europe with its seeds, will not have anything available for the export, but the little to be harvested will be absorbed by the home consumption in view of the high entrance-duty of Frs. 25. per 100 Ko. for foreign seeds. Italy will have a middling crop, England, Bohemia, Transylvania and Russia a small middling, Hungary and Moravia a crop failure.

Timothy seed made new high record. Trade has been exceedingly large. Those who sold August have found it difficult to secure the seed to fill the contract. It looks as though the seller of the September may find it just as difficult, because the seed that is brought to Toledo to fill August sales may not be available for the September, and in consequence the September short may be in a worse position. The demand for spot seed has been excellent, and it looks as if consignments would be the proper thing the season through. What little has been offered for sale on the floor has been



snapped up at good prices, the off grades selling very close to prime.—*J. F. Zahm & Co.*

Toledo has annexed timothy seed futures this season. It now leads all markets on both clover and timothy seed futures. Providence helped us. Some sections near here had good prospect for timothy, while West had poor outlook. Chicago declined to trade in futures. The general public became anxious and favored Toledo. Present prices will stimulate the production of timothy seed next season in this section and elsewhere. Receipts have been small, but should soon increase. Eastern dealers appear to be the principal longs and country shippers the shorts. Trade is mostly in September, but August has been fairly active and there are still some shorts.—*C. A. King & Co.*

Quite large quantities of alfalfa seed were last year harvested in western Ontario. Information at hand indicates that on account of the general shortage of fodder in that district, the area devoted to alfalfa seed production is not likely to be increased. In districts where this seed was saved last year the alfalfa crop promises well. The total area under alfalfa is believed to be considerably greater than in previous years, but it is thought that the area devoted to seed is not likely to be increased over last year. If the hot dry weather, which has had an injurious effect on fodder crops, continues, there may be an actual decrease in the area of alfalfa saved for seed.—*Geo. H. Clark, seed commissioner of Canada.*

The first carload of alfalfa seed of this year's crop was shipped out of Wichita, Kan., by the Ross Bros. Seed House Sept. 1. The 30,000 lbs. of seed was packed in 150-lb. sacks and consigned to a firm at Cincinnati, O. The rate on alfalfa seed from Wichita to St. Louis is 52½ cents per 100 lbs., and from St. Louis to Cincinnati 15 cents. Fred Ross, of Ross Bros., says: "There is a big crop of alfalfa seed this year. This is a good year for alfalfa seed because the season has been dry. This car of alfalfa seed which we are shipping was received from Kansas and Oklahoma points. While it is the first car we have loaded this year, we do not think it will be the last. We probably will ship several more cars. We received five or six cars of alfalfa seed last year, but shipped the seed out in less than carload lots. We are frequently able to buy a carload of alfalfa seed from one person who has concentrated it."

Breeding is becoming so much of a technical profession that a close division of labor is rapidly becoming important. It may be expedient for a few men to work with a large number of species and genera, that they may perform the special service of giving a broad scope to the general subject of breeding; but for the most part, more rapid and larger results will be achieved by each worker concentrating on a given species or on a group of related species. Many men have already fully demonstrated that scattering, discontinuous efforts, using small numbers of each of a number of unrelated species, is the way to get nowhere in creating improved forms of plants and animals. No doubt that even as great a genius as Burbank would have to his credit a far larger economic addition to America's plant products had he confined his efforts to half a dozen important species.—*Willet M. Hays, ass't sec'y of U. S. Dept. of Agriculture.*

A new feature of the clover seed market has been the big receipts. Talk of the 1911 sowing being ruined in many sections will be lost sight of as long as the real stuff keeps pouring into the market. The latter may be a flash in the pan, but it takes good hard dollars and lots of them to pay for seed at 20c per lb. Market continues to prove a puzzle to even the most conservative. Speculation is running riot both up and down, making a pretty choppy market all the time. Canada will no doubt be a buyer this year and will prove a good bull card. Their conditions were similar to this country. Low grades will probably sell at a bigger discount than usual owing to the high prices. If three pounds of seed are cleaned out of each bushel to bring up the quality, it means a loss of about 50 to 60c, and buyers must govern themselves accordingly.—*J. F. Zahm & Co.*

## From the Seed Trade.

Vogeler Seed & Produce Co., Salt Lake City, Utah: Red clover and timothy prospects are fair. From present indications there will be the largest crop of alfalfa seed ever produced in the intermountain country and of a quality exceptionally fine.

Western Seed & Irrigation Co., Fremont, Neb.: Trade reports nearly all indicate short crops of clover and other grass seeds. We believe good first-class quality of corn will be scarce this season, as nearly all crops have been affected more or less by the lack of moisture and hot winds. We look for a short crop of corn and scarcity of choice grades, also much higher prices during the winter and spring months.

W. P. Fanning, Oakland, Ill.: Very little broomcorn seed will be saved this year in Illinois, as this state is quitting this special crop. Clover seed will be a considerable crop, but that of timothy will be limited, due to lack of a rain. Very little seed of any description was carried over from last season, except of broomcorn seed, there being little demand for the latter this season and the acreage the smallest in 30 years. Farmers seem to have a great desire to produce clover seed, as the high price has been tempting and the acreage of this

and timothy has increased. Very little bluegrass is grown here.

J. G. Peppard Seed Co., Kansas City, Mo.: The grass seed crops in this section are shorter than in many years, as the extreme prices prevailing for timothy seed has caused farmers to part with their holdings earlier than usual and to market practically their entire output. It has also so resulted in many threshing their haymows and haystacks which had been cured and put up for fodder. The Missouri and Iowa crop of Kentucky bluegrass was a full average one and quality superior to any previous year. The dry weather prevented growth of weeds and permitted the crop to be harvested and saved in brighter and better condition than ever before. Early sown millet is an assured crop, but that sown late is still in a critical condition, depending entirely on rain and favorable weather and a late fall. Alfalfa is a large crop, many sections which heretofore have been consumers this season have a considerable surplus to ship.

## A MODERN INDIANA ELEVATOR.

To have one's elevator destroyed by fire with a large amount of new grain about to arrive is an extremely disheartening plight to be thrust into. In just such a circumstance was O. Gandy & Co., of Lucerne, Ind., on the line of the Vandalia Ry. The plant burned May 14, and on the 6th of July received the first load of grain from the new crop, loaded into a car thru the new elevator, of which a photograph is reproduced herewith.

The elevator is of cribbed construction, iron clad, and measures 34x24 ft., and 43 ft. in height, with a cupola 22x28 and 22 ft. high. Storage room is furnished for 20,000 bus. of grain, beside an adjoining warehouse, the dimensions of which are 60x22 ft. A 24x22 ft. power house, dust house and office also adjoin the elevator.

The equipment includes a steam engine, two stands of legs, a Monitor Separator, two B. S. Constant Drags, a corn sheller, a gyrating grain cleaner, two Sidney Over-Head Wagon Dumps, B. S. Constant man-lift and an 8-ton wagon scale.

The contract was let to the Burrell Engineering Co., May 19, and the plant was ready to handle grain July 10.



O. Gandy & Co.'s New Elevator at Lucerne, Ind.



# Grain Trade News

## CANADA.

Lebret, Alta.—The Atlas Eltr. Co. has built an eltr. here.

Beatty, Sask.—A. McMichael is building a 20,000-bu. addition to his eltr.

Muenster, Sask.—The eltr. of the Western Canada Flour Mills Co. burned recently.

Winnipeg, Man.—The Rice Malting Co., Ltd., has increased its capital stock to \$400,000.

Edmonton, Alta.—The eltr. of the Alberta Mfg. Co., Ltd., was recently damaged by fire.

Toronto, Ont.—The Ontario Eltr. Co., Ltd., is being organized to build an eltr. on the water front.

Toronto, Ont.—E. R. Bacon of Chicago has opened an office in this city, in charge of George A. Beaulieu.

Rivers, Man.—The eltr. of the Security Eltr. Co. burned recently while empty; loss total, about \$6,000, fully insured.

Calgary, Alta.—Business has outgrown the 250,000-bu. eltr. of the Globe Eltr. Co., built two years ago and the John S. Metcalf Co. is drawing plans for additional machinery installation, a 10,000-bu. shipping leg, a 2,000-bu. scale, shipping spout and appurtenances.

Winnipeg, Man.—The first of this year's grain shipped out of Alberta passed thru Calgary, Aug. 23, in C. P. 40208, billed from Macleod by the Macleod Mfg. Co. to Fort William to the order of James Richardson & Sons of this city. The car contained 1,000 bus. and graded No. 2 red winter.

Montreal, Que.—Commissioner Ballantyne says that Harbor Commissioners' Eltr. No. 3, now under construction, will be able when completed to handle 40,000 bus. an hour inward and 60,000 bus. per hr. outward. The two marine legs that are to be installed will enable the eltr. to unload steamers at the wharf, load grain into or out of cars at the same time and load grain into half a dozen vessels simultaneously; 240 cars can be loaded or unloaded in 10 hours.

Winnipeg, Man.—A statement prepared by the Board of Trade of the amount of grain inspected in the Manitoba grain-inspection division during the year ended Aug. 31 shows the quantity grown in the western provinces that passed thru Winnipeg and that inspected at Duluth and Calgary: Wheat, Winnipeg, 84,478,875 bus.; outside, 3,104,600; total, 87,583,475 bus. Oats, Winnipeg, 21,962,100 bus.; outside, 4,324,400 bus.; total, 26,286,500 bus. Barley, Winnipeg, 2,320,800 bus.; outside, 224,400; total, 2,545,200 bus.

Montreal, Que.—Regarding congestion in the handling of grain on the water front, the manager of a local transportation company avers that if the harbor commissioners really wish to improve present conditions all they have to do is to stop allowing 20 days' free storage and rule that no grain will be accepted at their eltr. which is not actually in transit thru the port. "If a shipper stores his grain in Montreal the harbor commissioners should charge him so much per bu. per day as is done in the eltrs. on the Great Lakes."

Toronto, Ont.—The Dominion Millers Ass'n held its annual meeting in this city, Aug. 31. The 20th annual report of the Central Wheat Buyer showed \$7,500 earned in commissions during the year, of which \$3,640 was carried to the credit of profit and loss as against \$4,000 last year. Rebates equal to a dividend of 4 per cent were paid to the patrons of the office. The amount of cash now standing to the credit

of profit and loss is \$28,500, an increase of \$1,900 for the year. Purchases for account of members during the year amounted to 1,894 cars of Manitoba wheat, 155 of Ontario wheat, 207 cars of oats, 89 of corn and a few cars of barley, bran, hay and other feeds, a total of 2,362. Over 1,250,000 bus. of option grain was handled, much of it at prices better than the patrons expected.

Winnipeg, Man.—The annual meeting of the Lake Shipping Clearing Ass'n was held here in the week ended Aug. 26 and the following officers re-elected: John Fleming, pres.; A. C. Ruttan, sec'y; A. K. Godfrey, treas.; directors, C. Tilt, H. N. Baird and F. W. Young. The ass'n was organized two years ago to facilitate handling and shipping grain from the head of the lakes and at Fort William; headquarters in Winnipeg with a branch at Fort William. The annual report shows that grain aggregating 82,065,619 bus. was loaded last year against 74,440,421 bus. the previous year. Of 711 cargoes loaded 375 were loaded at one house, 17 at two houses, 120 at three and 40 were sample cargoes. The revenue of the ass'n exceeded the expenditure by \$11,781.38. The membership fee, \$25 when the ass'n started, has been raised to \$500. The new branch of the ass'n, that of registration and cancellation of warehouse certificates, while requiring an immense amount of labor, has worked admirably and has proved of great benefit to the trade generally.

Winnipeg, Man.—The dominion board of grain examiners composed of S. Spink, chairman, N. Bawlf, G. V. Hastings, A. R. Hargraff and W. L. Parrish, recently held an examination here to test the fitness of applicants for certificates of qualification to act as inspectors and deputy inspectors of grain. Nineteen candidates were examined in the chief grain inspector's inspection room in the Grain Exchange Bldg. Each was required to grade about 100 samples of grain previously graded by the chief grain inspector and the grain examiners. Each sample was designated by a number only and the candidate was required to enter on a sheet its grade according to his opinion. The sheets were afterwards checked with the key list of the samples of the examiners who were not aware of the identity of the person examined. Candidates were not allowed to communicate with each other or receive any information and some of the examiners were constantly in attendance while candidates graded the samples. The examination lasted during the week ended Aug. 26. Three received certificates to act as inspectors of grain: Richard Gillis of Port Arthur and Fred Sherratt Ludham and Arthur Miller of Winnipeg. The following qualified to receive certificates of ability to act as deputy inspectors: Frank Gallipeau of Superior, Wis.; Arthur Harris, Calgary, Alta.; Frederic Neve and Tom Collins of Winnipeg; James Reginald Munro, Wm. Faulkner, John A. Ross, Wm. Lyons and James Barr of Ft. William.

## COLORADO.

Denver, Colo.—The Denver Eltr. Co. is building an addition to its eltr.

## IDAHO.

Deary, Ida.—Mark P. Miller of Moscow has purchased the warehouse here of the North Idaho Grain Co.

Moscow, Ida.—The firm of Beardsley & Gibson, composed of O. W. Beardsley and J. C. Gibson, has leased the warehouse of Kerr, Gifford & Co.

Joel sta., Moscow p. o., Ida.—Beardsley & Gibson of Moscow have leased the eltr. here of the Tacoma Grain Co. and now have storage capacity for 150,000 bus.

Kendrick, Ida.—A. W. Lee, formerly state grain inspector, has entered the grain trade as an independent buyer. He will operate here and at Juliaetta and Troy, Ida.

Heyburn, Ida.—Due to special transportation rates recently granted, both alfalfa and high-grade mixed hay will follow the same route as potatoes which will move east from southern Idaho in large quantities this fall and winter.—Heyburn Grain Co.

Potlach, Ida.—Mark P. Miller of Moscow has leased the grain and hay warehouse here and the hay warehouse at Harvard, Ida., on the Wash., Ida. & Mont. Ry., which gives him a line of five and makes him one of the largest dealers in this section.

Lewiston, Ida.—A new northwestern price record for choice brewing barley was established here recently by Kerr, Gifford & Co., who bot a few small lots at \$1.52½ per cwt. About 80% of the brewing barley in the north Idaho district is believed to have been contracted.

American Falls, Ida.—The Kerr-Gifford Grain Co. of Portland, Ore., has taken over the warehouse here of Ertel & Torrence, making the first line company to enter this field. Independent companies and Salt Lake and Ogden commission houses have heretofore operated in this district.

The state grain commission of Idaho at its meeting last September adopted a new set of rules governing charges of warehouse companies for the handling and storage of grain, that many growers complain works to their disadvantage. The matter has been called to the attention of D. W. Greensburg of Lewiston, chairman of the board, and as another meeting will be held soon in Boise some change is anticipated. Prior to the establishment of the new rules the warehouse companies charged 75c per ton for handling grain, which included storage until Jan. 1 following delivery, with 10c per month per ton or fraction thereof thereafter. But Rule 7 of the commission's regulations provides a charge of 75c per ton including storage for 90 days, after which an additional storage fee of 10c per month is collected, which means that the farmer who holds his grain until Jan. 1 pays more storage than under the former system of free storage until Jan. 1, as delivery begins in north Idaho about Aug. 1 and is, practically completed by Sept. 15.

Nez Perce, Ida.—For several weeks grain companies have been contracting brewing barley at prices ranging from \$1 to \$1.60 per cwt. At a recent largely attended meeting here of barley growers in this section it was decided to repudiate all contracts and retain an attorney to contest them. A few farmers who contracted their barley at top prices are abiding by their contracts but practically all who agreed to sell for less than \$1.30 per cwt. refuse to deliver the barley, alleging that the grain buyers knew the price would advance, took advantage of them and are making from \$4 to \$6 on each ton purchased. They allege they offered to compromise with representatives of the purchasing companies for half the increase, but as their tender was refused they will take the matter into court. Grain buyers admit trouble is coming but assert they took chances when they bot at the prices current in the last few weeks and say that at no time would the legitimate market justify the figures paid since the opening of the season. They claim that but for the contest among local dealers barley would now be selling for \$1.35. They profess themselves willing to fight the farmers to a finish to ascertain whether contracts signed by them are valid. Two cases are being prepared by an attorney for a line company, asking that prominent farmers whose names have not been published shall be required by the courts to



deliver the full amount of the barley they contracted. Attorneys consulted say that when a contract has been signed by a farmer and earnest money accepted he is then liable for the specific performance of the agreement but when no money was accepted the contracts, under certain conditions, are voidable.

## ILLINOIS.

Camargo, Ill.—Reville & Quick have bot the eltr. of Kaga & Co.

Springfield, Ill.—C. H. Wood has succeeded Wood & Halderman.

Geneseo, Ill.—John J. Guild has succeeded A. W. Weimer & Co.

Chase sta., Dekalb p. o., Ill.—Schule & Co. have succeeded Henry Schule.

Kaneville, Ill.—The Kaneville Grain & Supply Co. has started in business.

Kirkwood, Ill.—The Abbey & Gamble Grain Co. has overhauled its scales.

Sherman, Ill.—R. E. Cox and Prather & Groves deal in grain at this station.

Meredosia, Ill.—The Meredosia Farmers Grain Co. has started construction on an eltr.

Loda, Ill.—West Bros. Grain Co. has built an addition to its eltr. and will install new machinery.

Lane, Ill.—John S. Lisenby has succeeded the Ed. Hendrix Co. and Lane & Hendrix have succeeded W. T. Lane & Co.

Wyckles sta., Decatur p. o., Ill.—G. W. Leonard of Decatur has bot the 10,000-bu. eltr. of J. A. Roney at this station for \$4,000.

Fisher, Ill.—F. B. Venum of Champaign has taken over the eltr. here and all the interests of R. T. Miles & Co.

Charleston, Ill.—Whalen Bros. & Grant have succeeded Whalen Bros. Richter & Ball deal in grain at this station.

Pawnee, Ill.—Twist Bros. will start work immediately on a large eltr. The Pelkey Construction Co. has the contract.

Fletcher, Ill.—Farmers want to obtain a site here, on which to build an eltr. Robert W. Leech of Cooksville, Ill., is mgr.

Hume, Ill.—J. L. Morrow has succeeded J. W. Connelly, resigned, as mgr. of the eltrs. of the National Eltr. Co. here and at Hildreth.

Mansfield, Ill.—C. M. Dauberman has succeeded Wm. Wykle who operated this eltr. under lease. Mr. Dauberman owns the house.

Argo, Ill.—Work was resumed Aug. 28 on the plant of the Corn Products Refining Co. after a sympathy strike that started Aug. 22.

Middletown, Ill.—Work is progressing on the new eltr. for the Middletown Grain & Coal Co. The contract calls for its completion by Sept. 25. McAllister and O'Connor are doing the work.

Bushnell, Ill.—In the week ended Aug. 19 George W. Cole, the broker, handled 90 car loads of grain, 61 on commission and 29 thru his eltr.

Mazon, Ill.—W. H. Carter has been elected pres.; F. A. Murray, sec'y and Fred Keith, treas. of the Farmers Eltr. Co., successor to Strong & Ely.

Bishop Hill, Ill.—The Galva Grain Co. has taken over the business of both dealers at this station, Richard Cox and the Jackson Grain Co.

Saybrook, Ill.—Directors of the Farmers Grain & Coal Co. have been visiting eltrs. in other towns, looking up good points for their new house here.

Pana, Ill.—George F. Barrett will replace his eltr., burned July 23, with a fire-proof one of re-inforced concrete construction, to cost about \$15,000.

Emden, Ill.—Wm. and John L. McCormick have bot the eltr. property owned by D. H. Gemberling and will use the ground for building supplies.

Leland, Ill.—The Neola Eltr. Co. opened its eltr. Sept. 1, that has been leased for the last six months by the Leland Farmers Eltr. Co. J. A. Grover has charge.

Marseilles, Ill.—James G. Scott, formerly in the grain business here, died of heart trouble at Alameda, Cal., Aug. 19, aged 59, survived by his widow and a son.

Graymont, Ill.—The Rogers Grain Co. has repaired its eltr. I. L. Harris has acted as mgr. for the Farmers Eltr. Co. during the absence of J. H. Unsicker.

Cairo, Ill.—The Peerless Feed Co. incorporated to deal in grain and manufacture stock feed; capital stock, \$10,000; incorporators, W. H. Sutherland, J. B. Wenger and W. S. Dewey.

Curtis sta., Greenview, Ill.—Bloomfield Ransey, who has been buying grain in Greenview for the last 20 years, has taken over the management of the eltr. here of D. H. Curry & Co.

Champaign, Ill.—C. E. Johnson & Co. have succeeded Tankersley & Co. Mr. Johnson has associated with him W. H. Barnes, an experienced grain man familiar with markets and methods.

Basco, Ill.—Manussire & Sons have not sold their eltr. to Mr. Coffman, as erroneously stated in this column Aug. 25. R. E. Coffman's purchase was the eltr. at Bentley of A. R. McCallister.

Heyworth, Ill.—The Hasenwinkle Grain Co. has purchased ground adjoining its eltr., on which to build a 45,000-bu. storage addition 26x50 and 32 ft. high. Excavations have been made for the foundation.

Mazon, Ill.—The eltr. of M. Z. Button was struck by lightning recently and burned to the ground; loss, \$10,000. Fortunately Mr. Button had taken out an additional \$5,000 insurance but a short time before.

Waukegan, Ill.—The Corn Products Refining Co. reopened its plant Sept. 1.

Hadley, Ill.—The local eltr. had to suspend business for a few days recently until the building could be straightened. The foundation had given way on one side and the house sagged so the machinery stopped running.

Lerna, Ill.—W. E. Ashbrook of Mattoon has bot the eltr. of W. D. Snowden for \$4,000. Douglas Snowden, a farmer, has been managing the eltr. since the financial troubles of his brother, John H. Snowden, its former mgr.

Croft, Ill.—Daniel B. and Samuel Croft have filed a bill in circuit court asking that a receiver be appointed for the Croft Farmers Grain & L. S. Co. and that they recover a debt of \$3,850 alleged to be due them. The directors of the company are S. E. Beebe, A. Van Meter, John H. Long and John Hall.

Gridley, Ill.—H. D. Benedict, who had managed the Gridley Eltr. Co. since its organization in 1905, died Aug. 21, aged 53, survived by his widow and five children. He had suffered for some time with an abscess on the lungs. He was a man of sterling character and took active interest in local affairs.

Havana, Ill.—The eltr. of the Turner-Hudnut Co. has been covered with galvanized iron as a protection from fire. When the eltr. of McFadden & Co. burned early in the summer that of Turner-Hudnut caught fire several times. The building is also being remodeled and somewhat enlarged. A room has been built on the side where all wagons enter.

A reduction in express rates of 15% to 25% on small packages to points within the state was ordered by the Illinois R. R. and warehouse commission Sept. 6, to take effect Oct. 1. The greatest reduction is made on packages weighing over 45 lbs. and not over 50 lbs., on which the rate per 100 lbs. would be \$1.10. The present charge of \$1 is reduced to 70c.

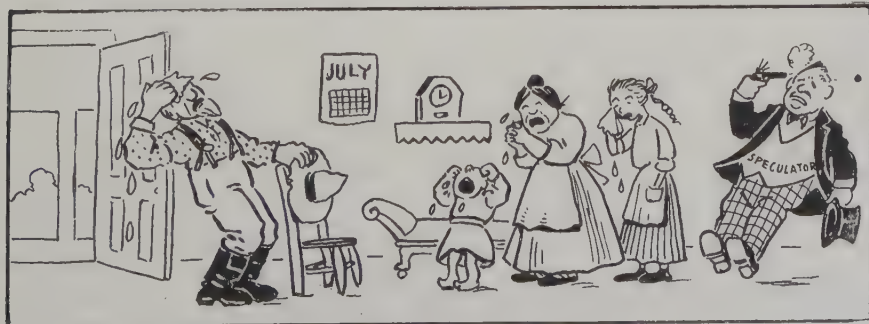
Ogden, Ill.—Frank Supple has completed installation of the necessary machinery in his oats warehouse to convert it into an eltr. to handle all kinds of grain. This eltr. now has its own switch and grain will be handled over the interurban; H. V. Cardiff has charge. Mr. Supple is planning to build another eltr. on the site where his burned some months ago.

Springfield, Ill.—At the annual meeting of the Illinois Bankers Ass'n to be held at this city, Oct. 11-12, B. F. Harris of Champaign will advocate a bill to be introduced in Congress providing an appropriation for demonstration of improved farming methods in each county. It is hoped that the bankers will join with other interests in concentrating effort upon a plan of county education that will have the endorsement of all, one of the best of which is that proposed by Howard Gross, to have a resident expert in each county.

Le Roy, Ill.—John Y. Chisholm, trustee for the defunct Clark Grain & Eltr. Co., filed suit, Aug. 31, against the First National Bank of Le Roy for \$10,000, alleging that it received that sum as deposits with the knowledge that the Clark Co. was insolvent and that it accepted deposits from the company to within 60 days immediately prior to the adjudication in bankruptcy of that company, with the knowledge of said facts, which constitutes an unlawful preference to the injury of the creditors and contrary to the laws of the United States.

Mattoon, Ill.—The eltr. of the Mattoon Farmers Mfg. & Grain Co. burned to the ground Aug. 31. William M. Laughlin has been sole owner of this plant for the last four years. His loss is estimated at \$5,000 on building, \$2,500 on machinery, \$1,500 on wheat, \$600 on corn, \$1,200 on ground feed, \$1,600 on flour and hay and \$1,000 on office and warehouse. He carried insurance in six companies. Some policies varied according to the amount of feedstuffs and stock on hand. It is expected his loss will be small. As this was the sixth fire of eltrs. and mills on that site within a few years, four of which occurred since he

## The Direful Diary of the Corn Crop.



**JULY**—Alas for the Corn! Here it is Getting Dry. Maybe we'll have an Awful Drought. Oh, think of the Awful Misery and Privation and Little Children Starving in the Streets! It is terrible to think of! The worst part of it all is that all we can do is to Worry.



owned it, he may not locate another building there. The flames were discovered about 10 p. m., apparently coming from the inside of the building which was lighted and operated by electricity. The office and warehouse at the side of the main building did not catch fire for some time and the books were saved.

Oakland, Ill.—I have succeeded Hirsh Bros. Grain Co. of this place.—L. J. Kaiser. The deal was made thru John A. Rice.

The following have recently been admitted to membership in the Illinois Grain Dealers Ass'n: R. E. Coffman of Bentley; Colchester Mfg. Co., Colchester; Crow Grain Co., Beason; Ellis & Garrison, Industry; Hirsh Bros. Grain Co., Oakland; A. Z. Hoag, Exline; Lohr & Lummis, Augusta; J. F. Leising, Goodenow; John Nelson, Donovan; Scott & Hoadley, La Fayette; Stumbaugh & Clark, Abingdon; C. O. Thrasher, Paxton; Tegge Bros., Papineau; West Bros. Grain Co., Manteno, Ill.; and B. B. Minor of Indianapolis, Ind.—S. W. Strong, sec'y.

Bushnell, Ill.—The eltr. of George L. Long was discovered on fire about 1:30 in the morning of Sept. 3 and all efforts to save it failed. It was covered with sheet metal which resulted in its complete destruction as streams of water could only be played on the fire thru windows; but this steel covering served as a chimney that drew the heat upward and saved buildings near. Mr. Long bot this eltr. last year from the estate of Stephen A. Hendee for \$5,000 and carried \$4,000 insurance on it. The eltr. contained 16,000 to 18,000 bus. of grain valued at about \$9,000, insured for \$6,000. Mr. Hendee built the eltr. about 30 years ago.

#### CHICAGO NOTES.

Veteran members of the famous Board of Trade regiment held a reunion recently at Aurora.

Frank Coe of the Corn Products Co. has returned from Colorado where he was recuperating from a long period of sickness.

The hours for trading in indemnities are now from 1:45 to 2:30 in the afternoon except Saturday when they are from 12:15 to 12:45 p. m.

The Adolph Kempner Co. began business Sept. 1 with Adolph Kempner, pres., Geo. H. Phillips, vice-pres., Jas. K. Riordon, treas. and Alfred F. Geahart, sec'y.

James Gordon, who has been in the grain business at Lincoln, Ill., for many years has become associated with Gardiner B. Van Ness and will devote the greater part of his time to the selling of cash grain.

The first shipment of "Chinese barley" was received recently by F. E. Winans & Co. from Milledgeville, Ill. The kernels are full, large and black. Many expressed the belief that it would be excellent for malting but it was finally sold for feed.

CHICAGO CALLERS: M. W. Duffy, Otterbein, Ind.; J. S. Hutchins, Ponca City, Okla.; Lee G. Metcalf, Iliopolis, Ill., pres. Ill. G. D. Ass'n; J. T. Oxley, Gibson City, Ill.; Chas. Quinn, ass't to the sec'y of the Grain Dealers Nat'l Ass'n, Toledo, O.; S. W. Strong, Urbana, Ill., sec'y Ill. G. D. Ass'n; W. M. Sloan, Inspector Grain Dealers Nat'l Fire Ins. Co.

Those who have applied recently for membership in the Board of Trade are Frederick A. Lennon, Richard W. Oake, Wm. H. Martin, William A. Fraser, Jr., Sidney Long and Kenneth S. Templeton. Those admitted are Chas. G. Curtiss and Chas. Griffin. The memberships of Oliver A. Olmsted, Geo. R. Argo, Felton D. Gill, Thomas F. Costello and Chas. Kanzler have been posted for transfer.

A rule has been passed by the board of directors which prohibits the dissemination of continuous market quotations over telephones from the Board of Trade. The rule is said to have been made because certain members having quotations flashed to them ahead of the ticker made profits by beating the market to the open board of trade. The rule is not to interfere with the quotations necessary in conversations regarding the making of trades.

Receipts of grain at Chicago during August aggregated 8,850,500 bus. of wheat, 6,708,000 of corn, 13,317,600 of oats, 174,000 of rye and 1,188,000 of barley; compared with 11,784,400 of wheat, 7,994,750 of corn, 24,372,800 of oats, 105,000 of rye and 862,500 of barley in August, 1910. Shipments during the month were 7,252,000 of wheat, 5,759,200 of corn, 6,691,000 of oats, 17,400 of rye and 217,800 of barley; against 4,014,700 of wheat, 5,904,650 of corn, 8,511,600 of oats, 21,200 of rye and 247,500 of barley in August, 1910.

Horace Jackson, a prominent member of the Board of Trade was recently summoned before the directors of the Board to answer the claims of the Peavey Grain Co., which alleges that his membership is rightfully owned by it and seeks to recover it as part of an alleged debt of \$104,000. It is said that Jackson admits owing \$20,000, but maintains that the balance of \$84,000 was a false entry made against his name by the late James Pettit. The claim against the membership was referred to the arbitration committee. Less important claims were also placed against Thomas Skinner, Hamilton D. Dewar and O. W. Clapp.

Lack of outside interest has been the controlling factor in wheat market fluctuations for several weeks past. Professional traders have many times given the market a fair start in response to the news of the day, but the buying soon petered out and the big scalpers have had to sell out at a loss. In most cases the buying enthusiasm would evaporate within 3 minutes after the opening. Some have unjustly ascribed this unprofitable condition of the market to the "La Salle street leaders," declaring they more than fill the market on all bulges, and that their big holdings of cash wheat here operate to keep outsiders from buying.

Members of the Board of Trade will vote Sept. 11 on amendments to Sections 1 and 5 of Rule XXI, the amendment to Section 1 providing that the directors of the Board may declare any store houses or vessels within the Chicago switching district regular for the storage of grain because of inability to obtain insurance on grain stored in the regular elevator warehouses; and the amendment to Sec. 5 providing for the transfer of insurance upon grain and flaxseed to the amount of 81 per cent of value to the new holder of the warehouse certificate. This amendment details the method of crediting unearned premiums and gives the form of an endorsement upon insurance policies by the underwriters agreeing to the transfer of the insurance to the purchaser of the property, until 12 o'clock of the second business day succeeding the delivery of the property, new policies to be dated 12 o'clock noon of the day delivery is made. Any member of the Board holding insurance on grain in any elevator without holding warehouse receipts for grain in said elevator will be deemed guilty of dishonorable conduct. The amendments will probably be adopted and will take effect Oct. 1.

#### INDIANA.

Enos sta., Morocco p. o., Ind.—M. W. Duffy and son are buying grain here.

Evansville, Ind.—The Evansville Storage Co. has completed extensive improvements at its eltr., almost doubling its capacity.

Edgerton, Ind.—The Union Grain & Coal Co. has let the contract to McAllister & O'Connor for the erection of an eltr.

Lagrange, Ind.—This town's fifth annual corn show will be held Oct. 2 to 6; \$50 in gold is offered for the best ten ears of yellow corn.

Boyleston, Ind.—Clifton Cohee has bot the eltr. of Pruitt & Clark. He took possession Sept. 4. The deal was made thru John A. Rice.

Columbia City, Ind.—Farmers of Whitely County are considering organizing to establish eltrs. here and at Larwill and South Whitley.

Marco, Ind.—I have sold my interest in the eltr. of Morgan & Church to Nelson Stafford. The firm name will be Morgan & Stafford.—C. W. Church.

Kendallville, Ind.—F. D. Butz lost about 30 bus. of wheat recently when a thief drilled a hole in the bottom of a car and took the grain away in sacks.

Earl Park, Ind.—J. R. Barr, of Caldwell, Barr & Co., is still using crutches. He sprained his foot while fishing with a preacher about three months ago.

Lyons, Ind.—John L. Morgan and myself have bot the eltr. here of B. F. Winters, will repair it and install new machinery.—C. W. Church, Marco, Ind.

Idaville, Ind.—Farmers are organizing and are talking of buying an eltr. from the Loughry Bros. Mfg. & Grain Co. Guy Williams, George Tam, Milton Reiff and David Scroggs are leaders in the enterprise.

Indianapolis, Ind.—M. T. Dillen, formerly sec'y of the Indiana Grain Dealers Ass'n, has bot the interest of Cary Jackson in the Cary Jackson Grain Co. He has been elected pres. and will devote his time in the future to the affairs of the company.

Frankton, Ind.—E. A. Feight and J. E. Siegler, who constituted the Frankton Grain Co., have retired and the firm's business has been closed. Polk Schumacker has charge of the eltr. and his brother S. E. Schumacker will have charge of the business.

Skelton sta., Ind., p. o. at Mt. Carmel, Ill.—Holsen & Dorney of Allendale, Ill., are having a studded eltr. built at this station, by the Reliance Construction Co., to be completed about Oct. 15. Equipment will include a 25-h.p. gasoline engine, two stands of eltrs., a 1,000-bu. Richardson Automatic Scale, a 1,000-bu. sheller and cleaner, two dumps and a wagon scale.

To better wheat growing conditions, combat smut and other evils, the Indiana Grain Dealers Ass'n in conjunction with the Agri. Dept. of Purdue University has arranged meetings at Evansville, Sept. 13 at 2:30 p. m.; at Princeton the same day at 7:30 p. m., and at Vincennes, Sept. 14 at 2:30 p. m. As time for advertising these meetings is short we have to rely on grain dealers and millers to help.—Chas. B. Riley, sec'y Ind. G. D. Ass'n, Indianapolis, Ind.

Lafayette, Ind.—Edgar T. Jones, the grain broker, retired Aug. 30, having been actively engaged in business in Lafayette 35 years. He is a member of the Chicago Board of Trade and was local correspondent for Lamson Bros. & Co. of Chicago. Fred G. Heinmiller, who recently purchased the grain business here of W. W. Alder, will succeed Mr. Jones as local representative for Lamson Bros. & Co. Mr. Heinmiller is also a member of the Chicago Board of Trade, having been recently admitted.

The wheat improvement special, operated over the Big Four lines in Indiana, in charge of Prof. G. I. Christie, of Purdue University, attracted hosts of farmers. Those in charge were well pleased with the trip and believe much information has been disseminated regarding improved methods of growing wheat. The university instructors showed that many farmers actually lost money even when they had fair crops of wheat because they did not pay proper attention to soil culture and rotation of crops. Eltr. men and millers attended the lectures and took interest with the farmers.—F.

New Haven, Ind.—While walking about the streets attending to business, Aug. 24, A. L. Schulenberg dropped on the sidewalk with heart trouble and expired almost immediately. For some years he had been troubled with similar attacks and feared they might some time prove fatal. He is survived by his mother, a brother and a sister. He was a member of the grain firm of Schulenberg & Weber in Huntington, Ind., until about three years ago when his brother, the senior member of the firm, removed to Tolono, Ill., and A. L. Schulenberg came here, where he has operated an eltr.



Columbus, Ind.—The eltr. of Ben C. Thomas, burned recently, will be rebuilt. Builders are now figuring on the job. Jordan & Montgomery Co., Indianapolis, Ind. The eltr. contained about 40,000 bus. of wheat and 14,000 bus. of corn, of which Mr. Thomas owned 12,000 bus. of wheat and 3,000 of corn. The grain loss fell heavily on farmers who had stored there. Jordan & Montgomery have bot the damaged wheat and the amount of salvage will be pro rated among the losers, who will net 21½¢ per bu. Mr. Thomas has received \$18,000 insurance; total loss, about \$70,000. He will convert the abandoned cerealine mill into an up-to-date, 100,000-bu. eltr. This mill has stood idle almost 20 years.—F.

## IOWA.

Germania, Ia.—The Germania Grain & Stock Co. has been dissolved.

Storm Lake, Ia.—Farmers are talking about organizing an eltr. company.

Everly, Ia.—The Western Eltr. Co. has bot the house here of the Reliance Eltr. Co.

Merrill, Ia.—The Plymouth Mlg. Co. will install a Hall Signaling Grain Distributor in its eltr.

Dike, Ia.—E. L. Drayer has returned to manage the eltr. of the Independent Grain & Lbr. Co.

Sloan, Ia.—B. F. Stoddard & Co. will equip its eltr. with two Hall Signaling Grain Distributors.

Manning, Ia.—The Doud Milling Co. has equipped its eltr. with two Hall Signaling Grain Distributors.

Marker sta., Atlantic p. o., Ia.—The Atlantic M. & Eltr. Co. has started construction on a 5,000-bu. eltr.

Fonda, Ia.—B. F. Bradley from Wall Lake has succeeded W. A. Galbraith, resigned, as mgr. for the Farmers Eltr. Co.

Ft. Dodge, Ia.—Farmers recently held a meeting here to organize an eltr. Co. They are considering building an 18,000-bu. eltr.

Hubbard, Ia.—B. L. Nutting, until recently traveling auditor for a line company, has been employed as mgr. by the Farmers Grain Co.

Highview, Ia.—A. D. McKinley, former mgr. for the Farmers Co-op. Eltr. Co. at Woolstock, manages the new eltr. of the Highview Farmers Eltr. Co.

Boyden, Ia.—Henry Pistick has succeeded H. L. Fink as local mgr. for the L. J. Button Eltr. Co. Mr. Fink will go to Saskatchewan, Canada, to engage in the grain business.

Schaller, Ia.—Work is progressing on the new eltr. for the Kunz Grain Co., replacing that struck by lightning early in the summer. The Younglove Construction Co. has the contract.

Davenport, Ia.—The D. Rothschild Grain Co. has opened general offices in the new Putnam Bldg. in the business district of the city. Years ago it had an office down town but removed it to its eltr.

Des Moines, Ia.—W. G. McDougal, who has been with the Armour Grain Co. for years, has been made head of the cash grain department of Harper & Ward and will move his family to Des Moines.

Sioux City, Ia.—Ware & Leland of Chicago have bot the future department of the M. T. Shepherdson Co. and will continue to operate it at its former quarters in the Grain Exchange Bldg., with W. J. Flanagan as mgr.

Runnells, Ia.—The Taylor & Patton Co. has succeeded the R. W. Taylor Co. It is a member of the Omaha Grain Exchange and of the St. Louis Merchants Exchange and has an office in the Fleming Bldg in Des Moines.

Cedar Rapids, Ia.—The loss on the mill of the National Oats Co. is much less than stated in this column, Aug. 25. There was no fire. Lightning struck the brick stack, which is 150 ft. high, and did some damage to it, says C. K. Liquin, mgr. of the grain department.

Atlantic, Ia.—The Beal-Vincent Grain Co. of Omaha has leased the eltr. here of A. A. Mickel for a term of years. Mr. Mickel will retain the feed business and the company will buy and ship grain. The name under which it will operate this station has not been decided.

Council Bluffs, Ia.—Work has commenced on the 300,000-bu. storage addition to the eltr. of the Trans-Mississippi Grain Co., 42x126 ft. and 90 ft. high; cost, about \$35,000. Power will be electric of the same installation as in the present building, where the motors aggregate 600 h.p.

Northwood, Ia.—I have come here from Lake Mills, Ia., to be mgr. for the Farmers Co-op. Eltr. Co. Have been with the Western Eltr. Co. four years and the Northern Grain five. My boy has succeeded me at Lake Mills.—H. P. Rasmussen. The Farmers Co-op. Eltr. Co. was recently organized with a capital stock of \$25,000. H. L. Olson is pres.; W. R. Dixon, treas.; O. H. Thompson, sec'y.

Leon, Ia.—It was incorrectly reported in this column Aug. 10 that Roy Biddison had purchased the eltr. and coal business of C. B. Talbott. The facts are that C. B. Talbott, who bot grain for the Talbott Grain Co. owned a coal and feed business which he sold to Mr. Biddison, but the latter did not succeed Mr. Talbott as agent of the Talbott Grain Co. The new agent of this company is Jonas Hoffhines, and the Talbott Grain Co., having headquarters at Osceola, is the only regular dealer at Leon.

## KANSAS.

Wright, Kan.—The new eltr. has been completed for the Belt Grain Co.

Schulte, Kan.—Fred Schulte has installed Richardson Automatic Scales.

Kinsley, Kan.—The Kinsley Grain & Lbr. Co. has installed Richardson Automatic Scales.

Plevna, Kan.—Wilbur P. Medsker has taken charge of the new 20,000-bu. eltr. of the Plevna Grain & Supply Co.

Olmitz, Kan.—The Lindsborg M. & Eltr. Co. has installed Richardson Automatic Scales in its eltrs. here and at Otis, Kan.

Fanning, Kan.—Mr. Coryell will probably build a 7,000 to 9,000-bu. eltr. at this point this fall.—H. W. West, agt. L. L. Coryell, Cummings, Kan.

Wellington, Kan.—The fire that destroyed the eltr. of the Wellington M. & Eltr. Co., Aug. 19, wrinkled the steel grain tank and melted it out of shape.

Marysville, Kan.—Work has been started on the new 11,000-bu. eltr. for J. H. Cavanaugh, replacing that burned in July. R. M. Van Ness has the contract.

Concordia, Kan.—The Concordia Roller Mills are planning the erection of a new eltr. and mill of re-enforced concrete. To defray the cost, 7% bonds are under consideration.

Cherokee, Kan.—The Kelso Grain Co. has purchased the eltr. of the A. N. Chadsey Merc. Co. and is overhauling it to give this point a first-class eltr. service. An iron roof has been put on.

Coffeyville, Kan.—Concrete footing has been put in for two additional grain storage tanks for the Rea-Patterson Mlg. Co., which will increase the company's storage capacity by 50,000 bus. The old tanks, that have been out of service for some years, will be removed.

Paxico, Kan.—Arthur Porter, a 13-year-old boy, was smothered to death in a corn bin in an eltr., Aug. 31. With other boys he was playing in the bin when his father opened the chute outside the eltr. to unload a wagon. The other boys climbed out but he was sucked down the chute and killed.

Elyria, Kan.—I am building a 10,000-bu. eltr. on the Mo. Pac. at this point. It will be up-to-date in every way and fully equipped, with automatic scales, manlift, concrete dump and hopper-bottomed bins; iron clad; working capacity, 1,000-bus. per hr.; to be ready for business about Oct. 1. I am also considering buying or leasing three or four small country eltrs. and conducting a general grain business with headquarters at McPherson.—F. P. Hawthorne, mgr. McP. Farmers Eltr. Co., McPherson, Kan.

Kansas City, Kan.—Hearings in the mandamus proceedings in the Kansas grain inspection cases were resumed, Aug. 31, before Special Master F. H. Foster of Topeka, who had been ill. S. L. Lee, chief clerk of the inspection department with offices in this city, testified that under the old law, under which the department operated from 1907 to Jan. 1, 1911, the inspection department closed each year with a deficit. The rates then were 40¢ inspection fee for each incoming car, and a 15¢ fee for inspecting carload lots of grain taken out of an eltr. for reshipment. After the introduction of testimony in behalf of the railroads and warehouses begins, it is expected that another month will be required to complete the case for the defense.

Hutchinson, Kan.—Orders were issued Aug. 31 from the Santa Fe division freight office in this city to transport seed wheat free over the company's lines to all points in Kansas west of Great Bend, Larned and Kinsley. Wheat clubs are being organized in Gray, Hamilton and other counties to look after the purchase of seed wheat and distribute it to needy farmers. C. C. Isley of Cimarron has taken an active part in raising several thousand dollars to buy wheat for distribution to farmers in Gray County. He came here and conferred with the harvester companies who subscribed liberally to the fund. The Santa Fe will ship the seed wheat in carlots free of charge from Hutchinson to Cimarron. A similar organized effort is being made in Scott County where a commission has been appointed to oversee distribution of the wheat, composed of L. W. Cretcher of Scott City, H. F. Brown of Grigsby and Wm. Lenihan of Modoc. The Mo. Pac. is also arranging to take seed wheat free into that part of western Kansas traversed by its line.



**AUGUST**—Oh, Woe is me! Just hear it Rain, Rain! The Corn is about all Drowned now and if it don't stop This Flood pretty soon we won't have anything but mud turtles and pond lilies to Live on Next Winter.



Kansas wheat shippers are preparing petitions to Gov. Stubbs, asking him to change the recent ruling of the state grain inspection department on grades of wheat. They particularly object to this section: "Wheat containing 1% and over of weed seed or other objectionable matter should be graded No. 4 or sample according to the amount it carries." The shippers allege that a large amount of wheat contains 1% of foreign matter yet has heretofore been graded higher and they ask that the old grades shall be restored. State Grain Inspector D. R. Gorden says: "We made that ruling to protect the wheat trade. Western Kansas has thin wheat and much weed seed. This goes to the bottom of the load and weighs heavy. One car reported for Winfield contained 2,700 lbs. of weed seed, yet had been bot for No. 3."

Anthony, Kan.—T. J. Holdridge of Kingman, Kan., has bot the entire property of the Kramer Mfg. Co., including the plant here and four country eltrs., for \$100,000 and turned over in part payment his 4,000-acre ranch in Barber County, Kan. He is pres. of the Kingman Mfg. Co., but will leave that property in charge of his son, T. J. Holdridge, Jr., and will move here to take personal charge. The firm name will probably be changed to the Anthony Mfg. Co. In earlier years Mr. Holdridge lived here, then engaged in the grain trade in Kansas City for several years and afterwards went to Pond Creek, Okla., where he still has holdings in addition to plants at Kingman, Hutchinson, Abilene and Harper, Kan. S. P. Kramer came here last year to manage the business, in which his brother, J. E. Kramer of Wellington, Kan., was interested. They formerly owned the plant at Wellington now owned by the Aetna M. & Eltr. Co. and built up a fortune in that business. Both have extensive holdings aside from the property just sold.

#### WICHITA LETTER.

A. F. Johns has resigned as mgr. of the Kemper Grain Co. and has been succeeded by E. F. Beyer who formerly assisted Mr. Johns.

During July Wichita received 1,195,700 bus. of wheat, 111,600 of corn, 94,500 of oats, 5,000 of kafir corn and 2,000 of rye and shipped 601,700 of wheat, 83,000 of corn, 78,500 of oats, 3,500 of kafir corn and 2,000 of rye.—Jas. H. Sherman, sec'y Board of Trade.

A number of prominent grain men were witnesses recently to the unloading of a car of grain which had been equipped with a patented grain door invented by W. H. Ascue of Belmont, Kan. It is said that the new door is considerable of an improvement.

R. B. Waltermire, inspector of weights for the Board of Trade, has been appointed a deputy sheriff and in the future he will have authority to arrest any persons he detects stealing grain from the cars. He has often encountered thieves in the railroad yards but was unable to hold them for lack of authority.

#### KENTUCKY.

##### LOUISVILLE LETTER.

Only two distilleries are working and southern demand for grain is unusually light.—A. C. Schuff.

Demand for corn has been good, but it has slackened up the past ten days because of the sagging market.—Fred W. Scholl, of Bingham-Hewett Grain Co.

C. P. Dodd & Co. contemplate building another hay warehouse with a capacity of 100 cars to adjoin their present eltr. and hay warehouse.—Wm. E. Trudeau, mgr.

#### LOUISIANA.

New Orleans, La.—During August New Orleans exported 304,666 bus. of wheat and 136,650 of corn, compared with none of either in the same month last year. During the year ended Sept. 1 exports aggregated 520,608 bus. of wheat and 6,771,393 of corn, against 1,156,395 bus. of wheat and

5,139,206 bus. of corn exported in the previous year.—W. L. Richeson, chief grain inspector New Orleans Board of Trade.

New Orleans, La.—The news of the death of John Holmes Hanna, Aug. 31, came as a shock to his family here, as he had been in Canada since July, apparently in the best of health. He died in Toronto after a brief illness at Lake Rousseau, where he was with his daughter. He was born in Londonderry, Ireland, in 1835, the eldest of 11 children. His father died when John was 14 years old and three years later he came to America. He obtained employment on the levee in New Orleans with Sands Brothers, then the largest produce house in the city. It handled quantities of grain and young Hanna was receiving and shipping clerk for corn, oats and hay, on a wage of \$25 per month, and every pay day part of that went to Ireland to help his mother. In two years he had learned enough of the grain business to start in for himself. He dealt in grain wholesale and in one year had the distinction of controlling the greater part of the grain business entering this port. He soon became known as "the corn king of New Orleans" and enjoyed the acquaintance of every steamboat captain, merchant and planter in this section. In the hard times following the war when so many steamboat captains were threatened by the sheriff with seizure of their craft, Mr. Hanna came to their rescue and became known as "Captain Hanna." Practically to the time of his death he was actively engaged in business and seldom missed a day from his office except during his vacation trips. He was married six years after he came to this country and is survived by his four children, an unmarried daughter and three sons, Richard J., Stonewall and Robert Hanna who live in this city.

#### MARYLAND.

Baltimore, Md.—Andrew W. Woodall, one of the pioneer grain men and prominent in the Chamber of Commerce died recently of kidney disease at the age of 58 yrs.

Baltimore, Md.—Chas. Reimer has been appointed assistant supt. of the Pennsylvania Railroad eltrs. succeeding Joseph Wirth, who has resigned. Mr. Reimer was formerly in charge of Eltr. No. 2.

#### MICHIGAN.

Ruth, Mich.—The Ruth Eltr. Co. has built an addition to its house.

North Branch, Mich.—The North Branch Grain Co. has repaired its eltr.

Vassar, Mich.—Farmers have organized an eltr. company. T. B. Moon is actively interested.

Cass City, Mich.—The Farm Produce Co. will install a Hall Signaling Grain Distributor in its eltr.

Byron, Mich.—F. E. Close & Co. are building an eltr. to replace theirs burned last fall. The railroad settled at \$35,000 for that fire.

Ithaca, Mich.—Wallace Green, who has managed the house of the Independent Eltr. Co., has resigned to enter the seed and feed department of McLaughlin & Ward of Jackson, Mich.

Munger, Mich.—I have just started in business on a small scale and hope to put up an eltr. soon. I am located on the M. C. and have a fine business in grist work and local sales of feed.—Arthur S. Tennant.

Deford, Mich.—Increasing business has induced the Deford Lbr. & Grain Co. to build another eltr. for beans and use the present one for grain only. The new building will stand 24x36. Its bins will have a capacity of 8,000 bus.

Pinconning, Mich.—The new eltr. for the Farmers Eltr. Co. is a frame building 40x106 and 80 ft. high in highest part, on concrete foundation, to be finished by Oct. 1. W. Reardon from Midland is mgr. and is on the ground getting things in shape for opening.

Bad Axe, Mich.—The Bad Axe Grain Co. has been re-organized and has increased its capital stock from \$20,000 to \$100,000. The officers remain the same. Wm. H. Wallace is pres.; Wm. J. Orr, sec'y; Fred W. Kinde, treas. and mgr. The company operates eltrs. here and at Carsonville, McGregor, Ruth, Minden and Applegate, Mich. It is installing another Hall Grain Distributor in its eltr. at this point.

#### MINNESOTA.

Wykoff, Minn.—The Wykoff Shipping Ass'n will build an eltr.

Brainerd, Minn.—The Champlain Mfg. Co. will enter the grain business.

Ortonville, Minn.—The new farmers' eltr. will have a capacity of 60,000 bus.

Pine Island, Minn.—G. W. Van Dusen & Co. have repaired their eltr.—Jas. Kracke, agt.

Belgrade, Minn.—I have succeeded P. O. Heiese as agent for the Osborne-McMillan Eltr. Co.

Halstad, Minn.—I will resign my position as agent for Andrews Grain Co. here.—S. Forseth.

Hancock, Minn.—We are installing a new 5-ton wagon scale.—J. S. Danens, mgr. Hancock Market Co.

Ruthton, Minn.—I have been away on my wedding trip.—Peter M. Nielsen, mgr. Farmers Co-op. Ass'n.

New Prairie sta., Cyrus p. o., Minn.—A farmers' eltr. company has been organized and the N. P. will put in a side track.

Halstad, Minn.—The Northwestern Eltr. Co. has purchased the eltr. formerly owned by the Minneapolis & Northern Eltr. Co.

Taopi, Minn.—O. A. Osdahl from Kenyon has charge of the eltr. Cronin & Eastman recently leased from W. F. Jordan.

Glenwood, Minn.—The Atlantic Eltr. Co. has installed a wagon scale and built a new coal shed.—A. G. Gundrud, agt. Atlantic Eltr. Co.

Paynesville, Minn.—We have installed a new dump scale and new eltr. leg. also put in a cement foundation.—W. Schulte, mgr. Paynesville Farmers Eltr. Co.

Bagley, Minn.—O. T. Davis is pres. and S. F. Kalberg sec'y and treas. of the Clearwater County Co-op. Produce Ass'n, which has built a new eltr. here.

Atwater, Minn.—The Farmers Co-op. Eltr. Co. is a creditor of the bankrupt Nels Enge Grain Commission Co. of Minneapolis to the amount of \$10,500.

Nielsenville, Minn.—The new eltr. of the Northwestern Eltr. Co. at this station has a capacity of 25,000 bus.—Nils K. Hoe, agt. Crookston Mfg. Co., Climax, Minn.

Monterey, Minn.—W. F. Matson has moved here from Sherburn, Minn., to take charge of the eltr. recently purchased by his brother from the Western Eltr. Co.

Bricelyn, Minn.—The Speltz Grain & Coal Co. of Albert Lea has bot the eltr. here of the Federal Eltr. Co. and will conduct a general grain and fuel business.

Ivanhoe, Minn.—M. M. Domek, who recently bot the eltr. of the Sleepy Eye Mfg. Co., has been elected pres. of the newly organized farmers' co-op. company; capital stock, \$10,000.

Ormsby, Minn.—After being out of the service of the Stockdale & Dietz Co. about a year, I again manage its eltr., having bot a half interest in the business at this point.—J. F. Hayes.

Duluth, Minn.—George H. Heising of Minneapolis withdrew from membership in the Duluth Board of Trade in August and George K. Labatt was admitted to membership.—Chas. Macdonald, sec'y.

Duluth, Minn.—The following addition has been made to the commission rules of the Board of Trade: "For receiving or selling by vessels or for buying and shipping by vessels: wheat, rye, barley and flaxseed, ½c per bu.; corn and oats, ¼c per bu."—Chas. Macdonald, sec'y.



Granite Falls, Minn.—I have charge of the eltr. of the Red Wing Mlg. Co., formerly that of the Montevideo Roller Mill Co. The Crown Eltr. Co. will not open its house here this year.—George Dillingham.

Ottawa, Minn.—My successor as mgr. for the Ottawa Eltr. Co. is J. N. Hayes. I have been appointed superintendent of the Nebraska territory for the Anchor Grain Co.—Paul Larson, Wakefield, Neb.

East Grand Forks, Minn.—Farmers have organized a company and, bot the eltr. here formerly operated by the Monarch Eltr. Co. M. Johnson is pres.; Tom McCoy, sec'y; Iver Hoy, treas.; C. A. Newhouse, mgr.; capital stock, \$7,500.

Thief River Falls, Minn.—The new eltr. has been completed for the Tessum-Ted-manson Co. We are installing in our new eltr. a No. 6 Monitor Cleaner, a 10-h.p. engine, Sonander Automatic Scale and a manlift, electric light all thru.—H. A. Halvorsen, mgr. Farmers Eltr. Co.

Red Wing, Minn.—"J. M. Danielson retired from the grain business Sept. 1 and we have succeeded J. E. Danielson & Co.," write Danielson Bros. This firm is composed of J. E. and C. E. Danielson, sons of J. M. Danielson who conducted a general grain business here 40 years and is one of the oldest grain buyers in the state.

Osakis, Minn.—The Osakis Mlg. Co. has torn down a portion of the old eltr. that formerly belonged to J. B. Johnson to make room for a spur track to be built to its plant, and has abandoned its plan to take down the main part of the old warehouse, so that landmark will continue to be utilized. Mr. Johnson built the eltr. in 1875.

Georgetown, Minn.—The Georgetown Farmers Eltr. Co. incorporated by Martin E. L. Wilk, pres.; W. F. Bunnell, treas.; Theodore S. Nelson, sec'y and six others; capital stock, \$10,000. The company recently bot the house here of the Minneapolis & Nor. Eltr. Co. V. Tornquist is mgr.; he formerly managed for the Kidder Eltr. Co., Kidder, S. D.

St. Paul, Minn.—Applicants for positions in the new state department of weights and measures were examined Aug. 28. The state R. R. and warehouse commission had not then decided how many to appoint or what wages to pay. C. C. Neale, head of the service, aims to have his force organized and in the field to make inspections of scales and measures by Sept. 11.

Barry, Minn.—The eltr. of the Farmers Eltr. Co., which was closed for a few days recently, following disclosures made by the examination of an expert accountant, has been re-opened under new management. Pres. Michael Hanratty has stated that the exact amount of the shortage has not been ascertained but will in no way affect the operation of the house.

St. Paul, Minn.—The state R. R. and warehouse commission has asked an opinion from the attorney general as to whether it has discretionary power in issuing licenses to commission merchants. The law gives it authority to revoke such licenses but does not in so many words compel it to issue licenses to all who ap-

ply. Commissioner C. F. Staples says, "In some cases we feel like refusing licenses. We have one such now under consideration."

Duluth, Minn.—Duluth grain buyers do not refuse to accept wheat containing kingheads or rag weed but they do refuse to accept such wheat in the fulfillment of purchases known as "bot to arrive." Transactions of that kind are based on straight No. 1 northern and even tho the wheat is No. 1 northern in grade if it contains kingheads it could not be made a satisfactory delivery; but the wheat would be bot, according to its value, by sample.—Globe Eltr. Co., per E. N. Bradley, sec'y.

Duluth, Minn.—Receipts of grain in August aggregated 1,252,701 bus. of wheat, 21,606 of corn, 89,249 of oats, 296,467 of barley and 98,563 bus. of rye; compared with 3,300,016 bus. of wheat, 31,160 of corn, 105,098 of oats, 674,363 of barley and 13,287 bus. of rye received in the same month last year. Shipments in August included 1,001,466 bus. of wheat, 171,363 of corn, 121,973 of oats, 110,264 of barley and 40,000 bus. of rye; against 2,159,033 bus. of wheat, 13,303 of corn, 195,712 of oats, 660,087 of barley and 20,200 of rye shipped in August, 1910.—Chas. Macdonald, sec'y Board of Trade.

Willmar, Minn.—I have succeeded C. O. Johnson as agent of the Duluth Eltr. Co.—W. S. Hanson. Johnson had been discharged a week before his arrest, Aug. 10, for falsifying accounts and forging grain tickets. Among the last tickets he issued was one for 900 bus. of wheat and another for 500 bus. of flaxseed, both of which it is alleged he did not get and is said to have admitted to the accountant of the surety company, who examined his accounts, that these tickets were spurious. Failing to obtain bail for \$2,500, he was sent to jail. He came here from Coopers-town, S. D., and has a wife and two children.

St. Paul, Minn.—Traffic managers and law officers of the northwestern railways met, Aug. 31, with the Minnesota R. R. and warehouse commission to confer on the draft of general rules to govern joint rates on intrastate freight and express business. When the rules have been adopted and promulgated by the commission, the railroads doing business in Minnesota will have 30 days in which to establish joint rates on intrastate business. Failure to comply with the rules makes the offending company liable to a fine of \$100 for each offense, under the provisions of the new law passed by the legislature this year.

Winners of the silver trophies presented by the Minn. State Agri. Society for the best samples of Minnesota grain exhibited at the 52d annual state fair, were announced Sept. 6. John Henderson of Co-kato, Wright County, won two trophies, one for oats and one for barley. The surprise of the contest was the award of the wheat prize to S. B. Wells of Pine City. That the cut-over lands of Pine County could ever produce wheat the equal of that raised on rich prairie soil would have been scoffed at a few years ago and

enough scoffers remained to criticize the award to Mr. Wells. Edward Mangan of Preston, Fillmore County, won the corn trophy and Paul Blatzlaff of Stillwater, that for flax. The trophies are of solid silver and cost the Minn. Agri. Society \$200 each. They will become the permanent property of the grain growers who win the same trophy three times in five years.

## MINNEAPOLIS LETTER.

Eltr. storage rates were raised Sept. 1 from 1½c to 1½ c.

The Banner Grain Co. has leased Eltr. D from the Geo. C. Harper Co. and will use it as a transfer house. It is of 75,000 bus. capacity.

The Archer-Daniels Linseed Co. is building a 125,000-bu. storage tank, which when completed will have a total storage capacity of 500,000 bus.

Fenton Welch, the son of L. D. Welch, a grain dealer, disappeared recently driving his father's automobile. He is believed to have started for Chicago.

The Capitol Eltr. Co. has filed a claim with Sec'y McHugh for \$1,800 against the membership of John F. Lahart and requesting that the membership be sold to satisfy the claim.

The Cereal Grading Co., incorporated, capital stock, \$15,000; incorporators: Geo. O. Eddy, Geo. P. Stout and Henning A. Blomgren. The company will do a general grain and eltr. business.

The McCaull-Dinsmore Co. has been awarded \$494.94 damages from the Fritzon Grain Co. for failure to deliver corn within the time specified in the contract thus making the purchaser go into the market and buy at a loss.

The Johnson-Olson Grain Co. has been awarded the contract by the government for supplying Fort Snelling with forage for the year. The contract calls for the delivery of 1,600,000 lbs. of oats and 480,000 lbs. of bran and straw.

The Marfield Grain Co., incorporated; capital, \$200,000; incorporators: John R. Marfield, Henry F. Beutner and Herbert R. Bateman. This company has succeeded the Marfield-Tearse Co. John R. Marfield will be pres. of the new company.

J. N. Barnard has resigned his position as chief deputy grain inspector in charge of grain inspection at Minneapolis and has been succeeded by G. H. Tunell, who has been in the service since 1889. Mr. Barnard has been in the service since 1885 and will continue as an inspector.

John L. Tracy, of Brown & Tracy, who has gone to Medford, Ore., to live, was presented just before he left with a loving cup, 15 inches high and engraved with his name, the date and the inscription, "Friends on 'Change.'" John Marfield made the presentation speech.

A meeting of the creditors' committee of F. H. Peavey & Co. was held here Aug. 30 to close up the financial plan for exchange of three year 6% collateral trust notes for the outstanding Peavey paper. Practically all of the creditors have agreed to the plan and have deposited their notes with the Minneapolis Trust Co.

We think that this year's crop from the Red River Valley where most of the king-head grain is, will be practically free from it. The buyers, however, are very careful to specify, when they buy No. 2 wheat, that it shall be satisfactory No. 2, but on North Dakota and Minnesota purchases for No. 1, there are no conditions expressed.—Atwood-Stone Co.

Individuals admitted to membership in the Chamber of Commerce during August are: Charles C. Zinn, E. D. Bowen, Jr., Clyde E. Eggleston, Paul C. Rutherford, Ole F. Olson, H. J. Hall, Edwin J. L. Judd, Wilbur B. Joyce and Thornton W. Hall. Firms admitted in August are: Benson-Newhouse-Stabeck Co., International Grain Co., Johnson & Olson Grain Co., Gt. Western Grain Co. and the Heising Grain Co.—E. S. Hughes, ass't sec'y Chamber of Commerce.



SEPTEMBER—Oh, Direful Day! What if we should have a Frost now and Kill all the Corn, and all the Little Pigs would go Hungry and Pestilence and Poverty would be Abroad in the Land? I tell you, We Are Face to Face with a Great Calamity.



The Midland Linseed Co. has changed its name to the Midland Linseed Products Co. and has increased its stock to \$10,000,000, half of which is preferred and half common. E. C. Warner is pres., E. C. Bisbee, vice-pres., Geo. F. Piper, treas., Arthur L. Bisbee, sec'y. The company is at present engaged in the erection of a large oil mill at New York.

The state railroad and warehouse commission held a hearing recently to consider the petition of the Minnesota Transfer Ry. for permission to reduce the free switching zone and to put into effect outside of the zone regular distance, tariff and commodity rates. Outside of this zone the company wishes to charge a commercial rate of 2c per 100 lbs. for 10 miles and 2.2c for 15 miles.

Grain receipts in August were 6,662,000 bus. of wheat, 663,150 of corn, 832,860 of oats, 1,126,600 of barley and 391,940 of rye; compared with 9,380,410 of wheat, 526,910 of corn, 2,284,320 of oats, 1,043,470 of barley and 161,500 of rye in August, 1910. Shipments during August amounted to 2,342,230 bus. of wheat, 241,000 of corn, 233,190 of oats, 500,710 of barley and 123,240 of rye; against 2,116,610 of wheat, 284,140 of corn, 888,520 of oats, 1,055,180 of barley and 86,920 of rye during August, 1910. —E. S. Hughes, asst. sec'y Chamber of Commerce.

Receipts of grain during the crop year ending Aug. 31 show a total of 141,324,000 bus. which is surprisingly large in view of the losses in the North Dakota fields during 1910 and the moderate production in South Dakota and Minnesota. Last year the total was 160,446,667 bus., only 19,000,000 bus. more. The totals in bus. for the various grains for the past year are: wheat, 88,678,000; corn, 9,770,000; oats, 16,949,000; barley, 18,526,000; rye, 1,741,000; flax, 5,657,000; compared with 101,566,660 of wheat, 7,021,177 of corn, 17,610,030 of oats, 22,555,170 of barley, 2,442,450 of rye and 9,251,180 of flax.

## MISSOURI.

Concordia, Mo.—The Concordia M. & Eltr. Co. will move its eltr. nearer its mill.

Bunceton, Mo.—Farmers are organizing to build an eltr. R. L. Harriman, J. A. Brandes and Carl Seiving are interested.

Kansas City, Mo.—Eugene D. Lysle, of the J. C. Lysle Mfg. Co., has succeeded to the membership in the Board of Trade of J. C. Lysle, deceased.

Machens, Mo.—The eltr. of J. H. Machens collapsed recently under an overload of grain, spilling 6,000 bus. on the ground and nearly burying two employees.

Morrison, Mo.—We have overhauled our eltr., covered it with sheet iron and attached it to our mill. A new eltr. has been built here called the Farmers Eltr.—Morrison M. & Eltr. Co., per F. Foellr.

## ST. LOUIS LETTER.

The St. Louis Grain Club gave an outing and a banquet recently at Sunset Inn. Eighty-five members and their guests drove out in 25 automobiles.

John Henry Kracke, in the grain and milling business here and at Clinton, Mo., for the last 30 yrs., passed away recently aged 60 yrs. He is survived by a wife and 3 children.

Grain receipts at St. Louis during August included 36,675 sacks and 1,669,800 bus. of wheat, 3,590 sacks and 2,054,400 bus. of corn, 1,805,400 bus. of oats, 24 sacks and 46,200 bus. of rye and 420 sacks and 46,200 bus. of barley; compared with 112,094 sacks and 4,074,900 bus. of wheat, 1,274 sacks and 1,706,400 bus. of corn, 686 sacks and 3,575,100 bus. of oats, 388 sacks and 35,200 bus. of rye and 15,400 of barley received in August, 1910. Shipments during August amounted to 1,422,660 bus. of wheat, 15,080 sacks and 1,232,690 bus. of corn, 13,370 sacks and 1,400,490 bus. of oats, 16,370 bus. of rye and 16,520 bus. of barley; against 7,100 sacks and 1,663,100 bus. of wheat, 22,220 sacks and 639,340 bus. of corn, 38,515 sacks and 1,494,660 bus. of

oats, 11,710 of rye and 11,560 bus. of barley in August, 1910.—Geo. H. Morgan, sec'y Merchants Exchange.

The Saxony Mills have commenced the erection of a reinforced concrete grain eltr. of 100,000 bus. capacity. The engineers, the Macdonald Engineering Co., have devised an ingenious arrangement of the bin storage, by slightly enlarging the width of the house above the track space so as to give a maximum width of 24 ft. which cantilevers the walls on each side. The storage will be divided into seventeen rectangular bins, ranging in capacity from 1,500 to 8,000 bus. each. Grain will be received from each track on the sides of the building and weighed in scales of 1,800 bus. capacity. Connections will be made both by spouting and conveyors to the mill plant. Equipment will include three legs of 4,000 bus. capacity each, and an automatic scale for weighing mill deliveries.

## MONTANA.

Conrad, Mont.—Farmers are talking of building an eltr.

Chester, Mont.—McCabe Bros. have opened their eltr.

Judith Gap, Mont.—Farmers are organizing an eltr. company.

Roundup, Mont.—The Roundup Eltr. Co. has completed its flat house.

Culbertson, Mont.—W. I. Saxton of Mondak will open an eltr. here soon.

Stanford, Mont.—Farmers are considering organizing an eltr. company.

Shelby, Mont.—Farmers have held a meeting to organize an eltr. company.

Saco, Mont.—Work has been started on the 30,000-bu. eltr. for Jordan & Miller.

Mildred, Mont.—Wm. O'Laughlin has leased a site on which to build an eltr. soon.

Wibaux, Mont.—Construction has been started on an eltr. for the Dennis Eltr. & Trans. Co.

Wibaux, Mont.—J. Burns has bot the eltr. of the J. C. Kinney Eltr. Co. and will engage in the grain business.

Wagner, Mont.—The 25,000-bu. eltr. for the St. Anthony & Dak. Eltr. Co. has been completed by C. E. Bird & Co.

Cut Bank, Mont.—McCabe Bros. of Duluth have had a man here investigating the feasibility of building an eltr.

McCabe, Mont.—The H. Poehler Co. has purchased the eltr. at this station of Clifford H. Sowle of Culbertson, Mont.

Terry, Mont.—Wm. McLaughlin has opened the eltr. on the Milwaukee tracks, built last year by M. M. Minthorn.

Moccasin, Mont.—A. J. O'Neil from Pipestone, Minn., has succeeded Paul Cullen as local agt. for the Rocky Mt. Eltr. Co.

Sidney, Mont.—A. Vaux, pres. of the Valley Merc. & Lbr. Co., is planning to build a feed mill adjoining the almost completed eltr.

Valier, Mont.—Owing to poor crops the company transferred me to this point from Willow Lake, S. D.—H. W. Haight, agt. Cargill Eltr. Co.

Froid, Mont.—Farmers will not build an eltr. here this season as the crops do not warrant it.—G. F. Hunter, agt. St. Anthony & Dak. Eltr. Co.

Valier, Mont.—The 30,000-bu. eltr. has been completed for the Montana Cent. Eltr. Co., replacing that burned. Powell & England are preparing to build a flathouse for grain.

Bozeman, Mont.—The Gallatin County Farmers Alliance has decided to discontinue business. It owns \$60,000 worth of property including a 75,000-bu. eltr. here and 100,000-bu. eltr. and steel tanks at Belgrade; liabilities, \$26,000.

Miles City, Mont.—The Lytle Eltr. Co. incorporated by D. L. F. J. and A. H. Lytle; capital stock, \$75,000; will build an additional eltr. The one here has been operated under the name of the D. L. Lytle Grain Co. which has five houses;

the others are at Columbus, Huntley, Terry and Wibaux, Mont.; headquarters here.

Power sta., Manchester p. o., Mont.—As soon as the three 25,000-bu. eltrs. under construction for the Rocky Mt. Eltr. Co. are completed at Broadview, Belmont and Hedges sta., Yale p. o., Mont., the construction crews will be transferred here and to Wayne sta., Belt p. o., where similar eltrs. will be built. A sixth eltr. will be erected for the same company at Judith Gap. L. O. Hickok & Son have the contract for all of them.

## NEBRASKA.

Bruning, Neb.—E. C. Carter of Beaver City, Neb., has bot the eltr. and mill here.

Genoa, Neb.—The T. B. Hord Grain Co. has bot a Hall Signaling Grain Distributor.

Coleridge, Neb. — Farmers have subscribed for \$7,000 worth of stock to build an eltr.

Scribner, Neb.—The Monitor Mills will install a Hall Signaling Grain Distributor in their eltr.

Crete, Neb.—B. F. Beckel, formerly with the Ewart Grain Co. at this station, has gone to Iowa.

Cordova, Neb.—The Updike Grain Co. will equip its eltr. with a Hall Signaling Grain Distributor.

Friend, Neb.—The Updike Grain Co. has purchased two Hall Signaling Grain Distributors for its eltrs.

Rosalie, Neb.—We have installed a Sonander Automatic Scale and a manlift. —Farmers Grain Co., P. Christensen, mgr.

Trenton, Neb.—I have bot the eltr. and equipment at this station of the Benedict Blanchard Co.—O. M. Kellogg, Benkelman, Neb.

Pender, Neb.—We have replaced our eltr., burned three months ago, with a 25,000-bu. house built by L. O. Hickok & Son. We began receiving grain in it Aug. 20.—G. B. Patrick, agt. Anchor Grain Co.

Table Rock, Neb.—Last year was a very poor grain year, not more than 50,000 bus. of all kinds of grain shipped from this point. This year promises better. From July 1 to Aug. 24 I bot 1,600 bus. of corn and about 1,400 bus. of wheat.—J. F. Owen, agt. Central Granaries Co.

Nebraska City, Neb.—The 'Quaker Oats Co. has taken over the plant of the Great Western Cereal Co., is having it overhauled, will install much new machinery, make it an up-to-date plant and open it in October. It was closed at the first of the year, part of the machinery moved to Ft. Dodge, Ia., and some of the outside buildings torn down or removed.

Lincoln, Neb.—Elliott Lowe & Co., a firm composed of E. Lowe and M. T. Shepherdson, have taken over the branch office of Ware & Leland and will act as correspondents of the latter in the grain brokerage business, executing orders over the private wire to the Chicago Board of Trade and other leading exchanges. J. H. Olseen, who has been Ware & Leland's representative, will go with the new firm. Mr. Lowe is also pres. of the Lincoln Grain Co.

## OMAHA LETTER.

The working force of the Omaha Grain Exchange, including weighers, inspectors and clerks, has increased from 6 in 1906 to 31 at the present time.

The Cavers Eltr. Co. will increase the capacity of its plant at Council Bluffs from 125,000 to 250,000 bus. and to handle 40 cars per day. Moulton & Evans have the contract.

Grain receipts at Omaha during August included 1,640,400 bus. of wheat, 1,492,800 of corn, 725,900 of oats, 5,500 of rye and 127,400 of barley; compared with 1,066,800 of wheat, 2,336,400 of corn, 703,800 of oats, 8,800 of rye and no barley received in August, 1910. Shipments during the month included 1,100,000 bus. of wheat, 1,095,000 of corn, 315,000 of oats, 5,000 of rye and 24,000 of barley; against 423,000 of



wheat, 1,886,000 of corn, 250,000 of oats, 8,000 of rye and 1,000 of barley in August, 1910.—F. P. Manchester, sec'y Grain Exchange.

Members of the Grain Exchange had a ball game recently followed by a dinner at the Field Club. The teams that clashed were the Morris Mutts, under Capt. Morris, and Wright's Rippers, led by C. H. Wright.

The State Railway Commission held a meeting here recently to inquire into the request of the Omaha Grain Exchange which is to the effect that demurrage be charged 48 hours after the car is set on the inspection track rather than after 48 hours after the first 7 a. m. after its arrival.

The Standard Grain Co., incorporated, capital, \$25,000; incorporators: E. G. Taylor, Loup City; James Swanick and L. P. Roberts of Omaha. Mr. Taylor is a well-known eltr. man of Loup City, Mr. Swanick has been with the Maney Mfg. Co. for many years and Mr. Roberts has had charge of the Omaha office of the McCaull-Dinsmore Co. Offices will be in the Brandeis Bldg.

## NEW ENGLAND.

Stetson, Me.—The grain store of S. J. Ridlon burned recently.

Orange, Mass.—F. A. Lamb has succeeded Lamb Bros. & Co.

Westfield, Mass.—The Cutler Grain Co., of Wilbraham, Mass., has bot the business of William G. Davis.

Kingston, R. I.—The Wickford Mfg. & Supply Co., incorporated, capital stock, \$30,000; incorporators: Francis C. Dixon, Stonington, Conn., Harry S. Dixon and Jos. G. Reynolds, North Kingston.

## NEW YORK.

Auburn, N. Y.—C. W. Brister will erect a 30,000-bu. concrete eltr.

New York, N. Y., Chas. C. Rubins, who formerly represented the Peavey Grain Co. in this market now represents King, Far-num & Co., of Chicago.

New York, N. Y.—Walter F. Brady, a well-known grain man and member of the Produce Exchange, was struck by a car recently and suffered a broken leg and other injuries.

New York, N. Y.—Chas. J. Austin, formerly with the Quaker Oats Co., has been appointed mgr. of the new traffic department of the Produce Exchange. Mr. Austin will begin work about Oct. 1.

Eaton, N. Y.—The cause of fire at the plant of the Eaton Buckwheat Mfg. Co. recently is now believed to have been imperfect installation of electric power wires. The loss was considerably in excess of the insurance, which was \$18,000.

## BUFFALO LETTER.

Buffalo has recently experienced a severe shortage of barley one small cargo being bot at Montreal at a cost of 75c to which was added the cost of cleaning and a 25c duty.

A laborer employed by the Globe Mfg. Co. was smothered recently while attempting to clean out a plugged grain spout. He had crawled under the spout despite the warnings of his fellow employees.

The old Wilkinson Eltr., owned by the Lackawanna railroad and which has not been used for 12 yrs. burned recently with a loss of \$50,000. The blaze threatened to spread to many adjoining eltrs.

The Burns Grain Co., incorporated, capital, \$25,000; incorporators: Henry T. Burns, Basil Burns, Edward Schwab, C. Goltshardt and Gregory E. Bergin. H. T. Burns is pres. and Basil Burns, sec'y and treas. Offices were opened in the Chamber of Commerce Bldg. Sept. 1.

Receipts of grain at Buffalo during the year ending August 31, were 26,721,320 bus. of wheat, 17,743,500 of corn, 6,328,921 of oats, 1,430,201 of barley and 40,000 of rye; compared with 17,538,322 of wheat, 12,162,989 of corn, 6,692,349 of oats, 4,202,571 of barley and 190,500 of rye in the preceding season.

The work of building new foundations under three of the tanks of the Great Eastern Eltr. has been completed and the tanks are being made ready to hold grain. Last year it was found that the foundations were being weakened by dredging operations and the action of the water. The tanks were removed and 500 piles were driven under the foundation of each upon which was built an 8 ft. floor of concrete. The tanks have a capacity of 160,000 bus. each.

## NORTH DAKOTA.

Upham, N. D.—Ed. L. Saxton will erect a 40,000 bu. eltr.

Gackle, N. D.—The Dakota Grain Co. has bot an eltr. here.

Sentinel Butte, N. D.—The Thorpe Eltr. Co. may erect an eltr.

Powers Lake, N. D.—The Farmers Eltr. Co. is erecting an eltr.

Baker's Ferry, Alexander p. o., N. D.—R. J. Walker will erect an eltr.

Langdon, N. D.—The Minn. & Dak. Eltr. Co. has bot the eltr. of Nels Enge.

Shepard, N. D.—Andrew Sharp has been employed as mgr. of the Farmers Eltr.

Minot, N. D.—Frank Linha is erecting a large steel eltr. on his farm near here.

Bartlett, N. D.—Oscar Simons has bot the eltr. of the Grain Producers Eltr. Co.

Buxton, N. D.—I have succeeded Geo. A. Edmunds as agent for the Minnesota & Western Grain Co. I was formerly agent for this company at Antelope, N. D.—Nels Evenson.

Baxton, N. D.—I have succeeded I. W. Corry as agent for the National Eltr. Co.—O. Jorey.

Michigan, N. D.—T. H. O'Connel has opened the eltr. formerly operated by the Imperial Eltr. Co.

Leal, N. D.—I am now employed here by the Royal Eltr. Co.—C. M. Dale, formerly of Beardsley, Minn.

Beach, N. D.—H. J. Egan has been engaged to act as mgr. for A. H. Lytle this fall and winter.

Mayville, N. D.—I have succeeded S. P. Bunn as mgr. for the Mayville Farmers' Eltr. Co.—Chris Wold.

Petersburg, N. D.—The Farmers Eltr. Co. has installed an automatic scale, a manlift and a new safe.

Egeland, N. D.—Jas. G. Brady will erect a small eltr. at Sennett Siding which is 5 miles east on the Soo line.

New Leipzig, N. D.—The Farmers Union is planning the erection of an eltr. here soon. Fred Schoenseigel is sec'y.

Mohall, N. D.—Chas. Bready has bot the eltr. of the Minn. & Nor. Eltr. Co. and will engage in the grain business.

Underwood, N. D.—I am located here as agt. for the Occident Eltr. Co.—C. F. Schoen, formerly of Barford, Mont.

Brocket, N. D.—I have taken charge of the Farmers Eltr. Co. for this season.—Sam Koppang, formerly of Stanley, N. D.

Granville, N. D.—The Dodge Grain Co. has bot the eltr. of the Acme Eltr. Co. and has engaged Robert Hunter as mgr.

Gardner, N. D.—We have just installed a new grain separator in our eltr.—C. B. Pritchard, Mgr. Gardner Farmers' Eltr. Co.

Lisbon, N. D.—The newly organized Equity Eltr. & Trading Co. has bot the eltr. of the Gt. Western Eltr. Co. for \$6,750.

Sentinel Butte, N. D.—Chas. R. McCloskey has bot the Hart-Robinson eltr. here and has engaged Cecil Denhart for mgr.

Sykeston, N. D.—The eltr. of the Monarch Eltr. Co. was struck by lightning recently and burned to the ground. Loss, \$8,000.

Grano, N. D.—The eltr. of the Occident Eltr. Co. was struck by lightning and burned with a loss of several thousand dollars.

Huff, N. D.—The Farmers Eltr. Co., incorporated, capital, \$20,000; incorporators: Chas. H. Roth, John Rothelsburger and Martin Dahl.

Hunter, N. D.—We have installed a No. 66 New Process Grain Cleaner and Separator in our eltr.—H. Timburg, Mgr. Farmers' Eltr. Co.

Sharon, N. D.—The Sharon Eltr. & Mfg. Co., incorporated, capital, \$50,000; incorporators: Alexander Curry, I. K. Bakken and O. T. Bentley.

Brocket, N. D.—The Equity Trading & Eltr. Co., incorporated, capital, \$25,000; incorporators: Ray Cunningham, P. H. Kelly, P. O. Evey and others.

Battleview, N. D.—The Farmers Eltr. & Trading Co., incorporated, capital, \$10,000; incorporators: H. C. Thomson, F. O. Anderson and Andrew Johnson.

Mapleton, N. D.—The Mapleton Farmers Eltr. Co., incorporated, capital, \$10,000; incorporators: Treadwell Twitchell, A. L. McKinnon, W. F. McIntyre and Mark Andrews.

Simcoe, N. D.—The Farmers Eltr. Co., incorporated, capital, \$10,000; incorporators: Elmer W. Fromander, Granville, N. D., Tom Hystad and Karl Grindberg, of Velva, N. D.

Minot, N. D.—The commissioners of Ward County have decided to put their claims against farmers for seed grain furnished them last spring in the hands of eltr. agents of the county. It is expected that the county will receive its money for seed grain that it furnished to the farmers thru the eltr. to which the farmers sell their grain and that a great amount



**OCTOBER**—Just our luck! Something always has to happen! Here we are with the corn cribs and barns and house and woodsheds and yard full of Corn and Thousands of Bushels of Corn still out there in the Field and No Place to Put It. Dog-gone it all, anyway!

—With apologies to Lininger Implement Co., Omaha.



of work and expense will thus be eliminated.

New England, N. D.—The Society of Equity held a meeting here Aug. 29 with 141 members present. It was decided to build a line of eltrs. from McLaughlin to New England.

Sentinel Butte, N. D.—A number of farmers have acquired an option on the eltr. of the Golden Valley Independent Eltr. Co. It is believed that no permanent deal will be made.

Reynolds, N. D.—I have succeeded D. J. Hennessy as agent for the National Eltr. Co. I formerly leased the eltr. of the Mpls. & Northern Eltr. Co. at Kelso, N. D.—W. T. Cummins.

Grand Forks, N. D.—I have succeeded C. A. Newhouse as agent of the Duluth Eltr. Co. here. I was formerly agent for the Monarch Eltr. Co. at East Grand Forks, Minn.—R. G. Elwood.

Grandin, N. D.—The Northwestern Eltr. Co. has purchased the eltr. formerly operated by the Minneapolis & Northern Eltr. Co. and are tearing down their old eltr.—James Ferguson, Agt.

Considine, N. D.—I am the successor of W. J. Prendergast as agt. for the St. Anthony & Dak. Eltr. Co. Mr. Prendergast has accepted a position in western Canada.—W. J. Beaudine.

Bartlett, N. D.—The Bartlett Independent Eltr. Co., incorporated, capital, \$10,000; incorporators: M. Foley, T. J. Foley, A. M. Pepoon, J. N. Bailey, Jr., of Granville, and W. B. Smith, of Hamar.

Portland, N. D.—L. Odegard has succeeded C. O. Brager as mgr. of the Portland Farmers' Eltr. Co. Mr. Brager fell from a scaffold in the eltr. 10 feet from the ground. He has resigned his position.

Bismarck, N. D.—J. D. Kernan, wheat inspector at Superior, Wis., has been drawing \$25 a month from North Dakota for several years. It is said that there was no authority for his payment for the past 3 yrs. He is no longer on the payrolls.

Kelso, N. D.—The Equity Eltr. & Trading Co. has purchased the Minneapolis & Northern Eltr. Co.'s eltr. here. The capital stock is \$10,000. The officers are: Philip Bohnsack, Pres.; B. S. Wentworth, Secy.; W. G. Safford, Treas., and J. W. Shinnick, Mgr.

Georgetown, N. D.—The Farmers' Eltr. Co. has been organized and the following officers elected: E. L. Wilk, pres.; C. J. Stein, vice-pres.; Theo. Nelson, secy.; W. F. Brunnel, treas., and A. S. Goldand, Ole Holte, J. S. Sterling and Martin Peterson, directors. The company is capitalized at \$10,000 and has bot the eltr. of the Minn. & Nor. Eltr. Co.

## OHIO.

Somerville, O.—The eltr. of E. C. Muff was damaged by fire recently.

Jenera, O.—The eltr. of Risser & Good will be equipped with a Hall Signalling Distributor.

Washington C. H., O.—The C. E. Sears Canning Co., of Circleville, O., will erect a 50,000-bu. eltr. here.

Boneta, Sharon Center p. o., O.—The M. E. Frazier Co. has begun the erection of a concrete eltr. to be 30x70 ft.

Cavett, O.—I have purchased the eltr. here of J. W. McMillen, of Van Wert, O.—H. G. Pollock, Middlepoint, O.

Holgate, O.—The eltr. of Harrison & Johnson burned Aug. 30. Insured. The fire is believed to have started from a furnace.

Columbus, O.—Many farmers are anxious to sell new corn on the basis of 50c and I understand many eltr. men have so contracted.—G. A. Payne, of Scott & Woodrow Co.

Columbus, O.—The fall meeting of the Ohio Grain Dealers' Ass'n will be held either in the last week in October or the first week in November. We always consider the date in relation to the maturity of the corn crop.—J. W. McCord, secy.

Piqua, O.—I have opened an office here and represent the Alder-Stofer Grain Co., of Buffalo, N. Y.; the Gale Bros. Co., of Cincinnati, O.; and J. W. Smith & Co., of Pittsburgh, Pa. I will buy on a strictly brokerage basis with absolutely no under-age agreements.—E. Milton Crowe.

An "Agricultural Special" has been arranged for by the College of Agriculture to run over the Cleveland, Akron & Cincinnati Ry., and stopping Sept. 12 at Sunbury, Centerburg, Mt. Vernon, Howard, Danville, Brink Haven, Glenmont and Millersburg; Sept. 13 at Orrville, West Lebanon, Apple Creek, Fredericksburg, Killbuck, Layland, Blissfield, Warsaw Junction, Cooperdale and Dresden, and Sept. 14 at Zanesville, Bremen, Lancaster, Amanda, Circleville, New Holland, Washington Court House, Sabina, Wilmington and Morrow. The lectures will be principally on soil improvement, wheat culture and seed corn selection.

## CINCINNATI LETTER.

It is a hand-to-mouth business at present. Can't see much of a future.—Pliny Gale.

W. H. Barnes has removed to Champaign, Ill., where he is connected with a grain firm.

The Richter Grain Co. will move to larger quarters in the Andrews Bldg., on account of increased business.

Cincinnati will have the largest run of grain this fall and winter it has ever had. Thirteen-cent cotton is going to do it.—H. E. Richter.

A great deal of wheat went direct from country stations to eastern exporters, the latter bidding over Cincinnati. However, it was handled thru this city and the volume of business here has been larger than usual.—J. A. Loudon.

The Chamber of Commerce is contemplating moving into other quarters until the completion of the new building. We are investigating certain possible quarters, but nothing definite has been done.—W. C. Culkins, secy. Chamber of Commerce.

## TOLEDO LETTER.

Toledo elevators are crammed with wheat.

Mrs. Maude Lipe, wife of the pres. of the Raymond P. Lipe Hay & Grain Co., died Sept. 4.

All grain consigned to Toledo for sale or to apply on contracts should be routed, when possible, by such railway lines only that will re-consign to the seaboard taking the regular thru rate from the originating point of shipment.

The West Side Iron Eltr., recently purchased by the American Cattle & Poultry Food Co., has been completely overhauled. Improvements also will be made in the East Side plant of the Toledo Salvage Co., recently purchased by the Guy G. Major Linseed Oil Co.

The Produce Exchange Bldg. has been sold by the Produce Exchange Safe Deposit Co. to the Fifty Associates Co. for a consideration said to be \$300,000. The Exchange will remain for a while at its present quarters and will probably remove later to the Second Nat'l Bank Bldg.

Toledo receipts and shipments during August included 1,306,000 bus. of wheat, 303,500 of corn, 1,239,000 of oats, and 5,000 of rye; against 1,894,000 of wheat, 263,250 of corn, 1,623,750 of oats and 18,000 of rye in August, 1910. Shipments were 1,127,700 of wheat, 117,200 of corn, 622,000 of oats and 1,900 of rye, compared with 169,600 of wheat, 81,000 of corn, 997,400 of oats and 7,200 of rye in August, 1910.—A. Gassaway, secy. Produce Exchange.

## OKLAHOMA.

Cyril, Okla.—H. E. Herman will install a gasoline engine.

Oklahoma City, Okla.—P. J. Mullin is no longer in the employ of E. R. & D. C. Kolp.

South Coffeyville, Okla.—The Jamison Lbr. Co. will erect an eltr. to be located on the M. K. & T. R. R.

Nowata, Okla.—The Rea-Patterson Mfg. Co. has installed Richardson Automatic Scales in its new eltr.

Drummond, Okla.—Chas. Cotter has bot the site of the Drummond Mill & Eltr. Co. and will erect a new mill and eltr.

Tulsa, Okla.—The Binding-Stevens Grain Co. will rebuild its grain eltr. which burned recently. Seed will be handled mainly.

Washington, Okla.—The Washington Gin & Grain Co., incorporated, capital, \$10,000; incorporators: C. G. Bible, M. Morgan and William Morgan, Jr., all of Norman.

Norman, Okla.—D. L. Larsh, former mgr. of the Norman Mfg. & Grain Co., has bot the interest of Samuel P. Render and has succeeded him as pres. Tom Carey is mgr. and secy and W. A. Butt, supt.

## OREGON.

Portland, Ore.—The Ford Grain Co. has been awarded damages to the amount it claims to have lost by the failure of the Inland Grain Co. to fulfill its contract for the delivery of grain.

## PENNSYLVANIA.

The annual convention of the Pennsylvania Millers State Ass'n will be held at Atlantic City, N. J., Sept. 13-15.

## PHILADELPHIA LETTER.

S. C. Cropley of Washington, D. C., has become a member of the Commercial Exchange.

Wm. M. Shoffner, who has been on 'change for the past 16 years, is very ill at his residence.

The consolidation of the Board of Trade and the Chamber of Commerce is said to be a great way off.

The three-story warehouse of A. Rosenberg, containing a large quantity of buckwheat, burned recently.

Robert Morris, connected with Brooke & Pennock, malt and grain handlers, has applied for membership in the Commercial Exchange.

The affairs of Garrett H. Levis, who recently failed and left \$20,000 of indebtedness, are being looked after by his son-in-law. It is probable that only the judgment creditors will receive anything.

The grain committee is making preparations to overhaul the grain grades, to put them fully in line with the latest requirements for the betterment of the general trade, and Chief Grain Inspector Foering will take a prominent part in the revision.

The grain eltr. of the Pennsylvania railroad will be erected at Greenwich Point and not at Girard Point and will be of 1,000,000 bus. capacity with a very complete drying system. The present eltr. at Girard Point will be dismantled.

The Commercial Exchange has recently paid a claim of \$2,000 to a Liverpool receiver on a shipment of "dried corn" for which the Exchange's former inspector had issued a certificate calling for "dried corn" altho the rules of the Exchange do not recognize such a grade. This settlement has no bearing on the embargo or on other claims wherein it has not been shown that the inspection department was in fault.

August receipts of grain are: Wheat, 2,004,294 bus., corn 108,975 bus., oats, 1,115,161 bus., against August of last year: Wheat 1,151,765 bus., corn 89,822 bus., oats 805,824 bus. Exports for August were: Wheat 1,278,292 bus., and for the same month 1910, wheat, 400,372 bushels. Receipts as compared with the same period during 1910 show an increase of wheat 1,312,956 bus., corn 4,947,286 bus., and oats 1,503,112 bus. The export increase during the same time is: Wheat 377,142 bus., corn 4,467,523 bus.—S. R. E.

## PITTSBURGH LETTER.

The receipts of hay are going to increase. We have been out of line the past few weeks and could not get any.—W. F. Heck.



Peoria is getting 45c for oats and we can't get 43c, Aug. 25. Don't know what is the matter.—C. A. Foster.

David Edwin Austen, son of Robert E. Austen and connected with the firm of Austen Bros., was married recently to Miss Ora Mae Armstrong, of Allison Park, Pa.

More oats were stored in Pittsburgh this month than I ever knew of. The storing is being done by outside markets. They must have a great deal of faith in future oats.—R. A. Sheets, with R. S. McCague.

The east is not buying corn and we look for a big decline. Some Indiana shippers compel us to take certain amounts of corn when we buy oats and it is necessary to take split cars.—J. A. A. Geidel, D. G. Stewart & Geidel.

Lots of oats are coming in, but the interior demand is not what it shud be so a lot of them are going into storage. The reason for lack of demand is that the farmers are not carrying the live-stock they did and they have raised good crops of oats themselves.—J. W. Smith & Co.

It is difficult to do business in Pittsburgh. So many industries are running only half time and as a consequence there is much less hauling. Lots of oats coming in; quality good, but not up to last year's in weight, but the color is good. New hay is coming in freely; quality good. Lots of old corn coming in; must be a big percentage back yet and farmers are anxious to sell.—John Dickson, of Geidel & Dickson.

## SOUTH DAKOTA.

Diamond, S. D.—Lindquist Bros. have failed.

Hecla, S. D.—L. A. Hagen is the new mgr. of the Farmers Eltr. Co.

Chester, S. D.—The additional eltr. of the Farmers Eltr. Co. is completed.

Menno, S. D.—Decker & Zehnpfennig have succeeded Zehnpfennig & Moeller.

Britton, S. D.—I have closed my eltr. until the next crop year.—L. G. Richards.

Plankinton, S. D.—The eltr. of DeCelle & Son has been sold to Wait & Dana, of Armour, S. D.

Philip, S. D.—The eltr. of G. W. Van Dusen & Co. burned with a loss of \$6,500, covered by insurance.

Raymond, S. D.—The Eagle Roller Mill Co. has closed its eltr. and I have removed to Milaca, Minn.—Fred Merbach, agt.

Cresbard, S. D.—The eltr. of the Farmers Eltr. Co., which has been in an unfinished state for some time, will soon be completed.

Salem, S. D.—A company is being formed which will buy and operate the eltr. of H. W. Schneider & Co. Among the directors are A. Kuyper, H. Wilson and Henry Kuhle.

Langford, S. D.—Fred Brown, receiver for the Farmers Eltr. Co., has been authorized to pay 50c on the dollar on storage certificates for grain stored at the time of the failure of the company. It is hoped to pay creditors in full after a time.

Tyndall, S. D.—The Farmers Eltr. Co. has elected the following officers: Jas. Benesh, pres., B. H. Lubbers, vice-pres., Chas. E. Bixby, secy., and Herman Voight, auditor, Dennis Murphy, John Cole, S. J. Heitgen and John Fridrich, directors.

Oldham, S. D.—A disastrous fire Aug. 20 destroyed five eltrs. here. The houses with their losses are: Larkin & Metcalf, \$2,500; Ed. Ketcham, \$4,000; Farmers Eltr. Co., \$10,000; George & Brown Co., \$5,500; Jones Bros., \$5,500. A complete account of the fire will be found on page 390 of this number.

Wentworth, S. D.—The Abraham & Schultz Co., which operated eltrs. at Rutland, Nunda, Sinai, Hazel and Lake Norden, has been dissolved. A partnership known as Abraham & Schultz has been formed to operate the Rutland, Nunda and Lake Norden eltrs. The house at Hazel

has been sold to Herman Abraham, who operated the eltr. for the old company.

## SOUTHEAST.

Atlanta, Ga.—The Duncan-Hodnett Grain Co. is the successor of W. S. Duncan & Co.

Lynchburg, Va.—Owen & Jennings sent out a folder Sept. 1 celebrating the second anniversary of their start in the brokerage business.

Jacksonville, Fla.—We are indebted to H. H. Richardson, secy., for a copy of the directory of members of the Jacksonville Board of Trade.

Norfolk, Va.—Cruikshank & Robinson have leased the warehouse of Geo. B. Dabney and will use it to transfer and grade hay for the Southern trade.—H. L. Robinson, Columbus, O.

## TENNESSEE.

Memphis, Tenn.—L. P. Cook, well known among grain and eltr. men of this city, was recently married to Miss Mary Booker.

Memphis, Tenn.—Mrs. R. E. Arment, bookkeeper for Crump Bros. & Cook, has been arrested charged with embezzlement. The woman's husband has been arrested and charged with complicity.

Nashville, Tenn.—C. D. Jones & Co. have leased the eltr. formerly operated by the Capitol Mill & Eltr., which has a capacity of 200,000 bus. and will operate it in connection with their plant in West Nashville.

Knoxville, Tenn.—The eltr. of J. Allen Smith & Co. was attacked by fire recently. Loss, only \$500, due to the excellent work of the automatic sprinklers. The fire was caused by friction from a belt running over a fly-wheel.

## TEXAS.

Sherman, Tex.—L. W. Bussey & Co. have engaged in the grain business.

Alvin, Tex.—I. M. Savell has bot the grain business of Wright Bros.

Houston, Tex.—O. P. Jackson & Co. have moved into their new building.

Celeste, Tex.—Thomas & Neely have been admitted to membership in the Texas Grain Dealers' Assn.

Lockney, Tex.—The Cobb & Elliott Grain Co. has been admitted to membership in the Texas Grain Dealers Ass'n.

Whitewright, Tex.—R. H. Smellage has retired from the grain business and in the future will devote his time to the cotton business.

Canadian, Tex.—The Young Men's Business Club has distributed a car of Russian Kherkoff seed wheat to the farmers of the section at actual cost.

Texarkana, Tex.—James Holland, a workman employed in the erection of the eltr. of the Land & Mfg. Co., fell recently and was seriously injured.

Ft. Worth, Tex.—The Hall-Baker Grain Co., of Kansas City, Mo., has opened an office in the Farmers & Mechanics Bank Bldg. G. M. Vogt is in charge.

Ft. Worth, Tex.—Marcus C. Smith sold his interest in the Smith Bros. Grain Co., and has gone to Nashville, Tenn., where he will spend a two-months vacation.

Ft. Worth, Tex.—The Rutherford Mill & Eltr. Co. has changed its name to the Alfalfa Mill & Eltr. Co. and has decreased its capital stock from \$40,000 to \$25,000.

Galveston, Tex.—The Galveston Cotton Exchange and Board of Trade announces the appointment of John H. Upschulte as chief grain inspector to succeed C. McD. Robinson, resigned. The appointment became effective Sept. 1.—H. Hickman, sec'y.

Galveston, Tex.—Exports from this city since Sept. 1, 1910, were 7,965 bus. of wheat and 328,517 of corn, compared with 1,617,298 of wheat and 1,863,782 of corn exported in the preceding year.—C. McD. Robinson, chief grain inspector, Galveston Board of Trade.

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The last few legislatures in Texas seem to be an investigating sort of people, and therefore, it may be well for us to spring the idea of investigating telephone and telegraph corporations. Then, from force of habit, the law makers might take up the work.—G. J. Gibbs, sec'y Texas Grain Dealers' Ass'n.

I think the State will make a good crop of cotton, and that our members will have a large inquiry for feed-stuffs during the winter and spring months. Some of our members think there will be plenty of corn to go around, and that we will not see much higher prices. We should urge farmers to plant a good acreage of wheat in Texas, and I hope that you will all talk this to your farmer friends.—G. J. Gibbs, sec'y Texas G. D. Ass'n.

Fort Worth, Tex.—Conditions in the grain line in Texas have been very slow indeed for the last six weeks. Demand has been about as poor as we have ever seen it. Local eltrs. have been carrying large stocks of wheat, corn and oats, but have not been able to dispose of it with any freedom. New cotton is getting well under way, which means a loosening up in money circles, which will stimulate trade in all lines, and we believe that the grain end of it will be benefited, and that we will do a very nice business this fall and winter. Second crop of forage which was planted in July was badly damaged in August by heat and drouth, and everything in the grain line will have to be bought from Northern markets.—J. A. Bushfield & Co.

## UTAH.

Murray, Utah.—Mr. Chas. Shopp is the leader in a movement for the erection of a large eltr.

## WASHINGTON.

Mansfield, Wash.—The Farmers' Union has leased the whse. of the Seattle Grain Co. and will handle most of its grain from this point. The capital stock will probably be increased at its next annual meeting from \$12,000 to \$24,000.

Olympia, Wash.—The state public service commission has decided to retain the present weight tests for this season. A ruling has been made that in the absence of a contract between buyer and seller the deductions for smut are to be fixed as follows: No. 1, 2%; No. 2, 4%; No. 3, 6%; No. 4, 8%; No. 5, 10%. The amount of smut varies in different grades, No. 1 having the least amount of smut that will affect the selling price and No. 5 the amount of smut that can be removed from wheat and the grain still be marketable.

## WISCONSIN.

Glenbeulah, Wis.—H. C. Maurer is buyer for Laun Bros.

Pardeeville, Wis.—The T. H. Cochrane Co. is erecting an eltr. here.

Maribel, Wis.—I have been appointed buyer of the Maribel Grain Co.—Joseph Heisdorf.

Black River Falls, Wis.—J. F. Dunn is making a number of improvements to his mill and eltr.

Stoughton, Wis.—Barley is the only grain marketed here, and we ship in corn and oats.—W. H. Dearborn.

Washburn, Wis.—Henry P. Peterson has resigned his position as state factory inspector and will enter the grain business.

Kewaskum, Wis.—The upper story of the malt house of the H. Rosenheimer Co. burned recently. The loss is estimated at \$250,000.

New Holstein, Wis.—The H. C. Timm Co., incorporated, capital \$30,000; incorporators: Geo. H. Schroeder, Bertha Schroeder and H. C. Timm.

Sheboygan, Wis.—The Conrad Schreier Brewing Co. will erect 8 concrete storage tanks with a total capacity of 400,000 bus. Barnett & Record have been awarded the contract.

Hudson, Wis.—H. S. Hansen, who for the past 20 yrs. has been with Geo. R. Horsford, has accepted a position as mgr. for the Farmers' Eltr. Co.

Stanton, Wis.—The Stanton Farmers Eltr. Co., incorporated, capital, \$5,000; incorporators: Chas. A. Albert, John Gerity, Wm. M. McNamara and others.

Washburn, Wis.—The Chequamegon Bay Farmers Eltr. Co., incorporated, capital, \$2,500. The company's main purpose is for mutual benefit in buying feed.

New Richmond, Wis.—The eltr. of the Farmers Eltr. Co. was struck by lightning Sept. 4 and a little damage done. It was necessary to call out the fire department twice.

Manitowoc, Wis.—The William Rahr Sons Co. has awarded the contract for the erection of a malt cleaning eltr. and shipping house. The work will be completed by Sept. 1.

Sawyer, Wis.—Two expert accountants have been going over the books of the Equity Eltr. Co. and the company's future will depend largely on the report they make. The grain and peas, about 2,000 bus. in all, have been sold to Teweles & Brandeis.

Superior, Wis.—An opinion has been rendered by Attorney-General Bancroft to the effect that the state grain and warehouse commission exceeded its authority when it engaged former State Senator Geo. B. Hudnall as special private counsel and that he must rely upon the legislature to pay him.

Madison, Wis.—The Cargill Eltr. Co. is one of the first to file notice that it has come in under the new workmen's compensation law which became operative Sept. 1. Over 40,000 employees of many different firms are now under the law and many others will be when the supreme court decides that it is constitutional.

Stevens Point, Wis.—I will build an eltr. Also a mill building but no flour mill machinery will be put in now. Will put in a feed mill, receiving separator, cob crusher, attrition mill, 60-bu. hopper scale, power unloading shovel, cracked corn separator, distributing spout, swivels, 20 h. p. electric motor, and elevator belt with cups.—H. H. Pagel.

Stockholm, Wis.—The firm of Larson & Swanson, a partnership doing business for the last 30 yrs., has dissolved. Mr. Swanson will continue the grain business at Hager and Bay City under the name of C. J. Swanson & Co. Mr. Larson retains the grain business at Stockholm, Pepin and Maiden Rock, continuing under the name of M. Larson & Sons.

Madison, Wis.—Under the new law the use of unsealed weight and measures, except where notice of new device has been given the superintendent after the last visit of the inspectors will make the offender liable to imprisonment or fine. Among the articles which must be sold by weight only are: Wheat, 60 lbs. per bu.; corn and rye, 56 lbs. per bu.; corn meal, rye meal and buckwheat, 50 lbs. per bu.; barley, 48 lbs.; barley malt, 34 lbs.; oats, 32 lbs., and bran or shorts, 20 lbs per bu.

## MILWAUKEE LETTER.

The H. Jahns, Jr., Co. has moved its office from the fifth to the ground floor of the Chamber of Commerce Bldg.

The memberships of David T. Finnie, Wm. D. Sawyer and James Pettit, deceased, have been posted for transfer.

The Morris Grain Dryer & Salvage Co., incorporated, capital stock, \$150,000; incorporators: F. K. Morris, C. W. Schneider and R. L. Bennett.

Alfred E. Ballentine has resigned as mgr. of the clearing-house ass'n of the Chamber of Commerce to become vice-pres. of the Glavin Grain Co. Ernst Graetz has succeeded Mr. Ballentine.

Sec'y H. A. Plumb, of the Chamber of Commerce, has addressed a letter to local railway officials upon the subject of leaking and defective cars and asks that they give their views upon the subject with

especial reference to the furnishing of materials to the shipper for the proper cooperation of cars.

One of the exhibits of interest to grain men at the Milwaukee Industrial Exposition, Sept. 2-12, will be that shown by the Felix & Goethel Co., which consists of a grain conveyor system which is equipped with a patented device which eliminates all back pressure on the fan. Tests will be made and instruments attached to gauge the amount of back pressure as well as the power required by the apparatus.

Receipts of grain at Milwaukee during August were 1,406,250 bus. of wheat, 689,300 of corn, 776,900 of oats, 1,761,200 of barley and 196,860 of rye, compared with 1,493,860 of wheat, 584,210 of corn, 1,424,400 of oats, 566,800 of barley and 67,500 of rye, received in the same month last year. Shipments during the month included 157,847 of wheat, 332,258 of corn, 418,331 of oats, 198,463 of barley and 24,380 of rye, compared with 620,136 of wheat, 326,618 of corn, 735,350 of oats, 110,208 of barley and 17,600 of rye in August, 1910.—H. A. Plumb, sec'y Chamber of Commerce.

## ADAMSON'S B/L BILL.

Congressman Adamson, at the first session of the 62d Congress, introduced bill H R 12806, which is designed to prevent the issuing or accepting in interstate commerce of forged and fraudulent Bs/L. While it has some excellent provisions, it has others which are so indefinite and ambiguous as to materially weaken the bill.

Grain shippers are largely interested in having the law well suited to their needs in conducting the grain business, hence it behooves them to examine closely and carefully every bill introduced, lest some unposted law-maker get thru a bill which would greatly handicap those engaged in the grain business. Mr. Adamson's bill was no doubt drafted with the best intention but some of its provisions seem unnecessary, and if enacted into law, no doubt they will weaken it, and prevent the very purpose which he seems to seek, that of stopping the issuance of fraudulent Bs/L.

In the first part of Sec. 2 is a clause, "*For freight of any character actually being delivered to such carrier for transportation*" and again in the last part of Sec. 2, following the word Circumstances "*When freight is actually being delivered for transportation.*" These qualifying phrases add nothing to the bill, but furnish a loop-hole for many culprits to escape the punishment intended. It should be made the duty of the agent of the carrier to refuse absolutely to issue any B/L until the property designated in the B/L has been received. Any exception will weaken the bill.

Sections 3 and 4, which make it an offence to forge Bs/L or to advance money on Bs/L, will surely have a tendency to discourage forging and slack methods on the part of country bankers, who have frequently been a silent party to the marketing of forged bills.

The new bill as presented by Congressman Adamson, is as follows:

## A BILL

To prevent the issuing or accepting in interstate commerce of forged and fraudulent bills of lading.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That it shall be the duty of each carrier engaged in interstate commerce, subject to the Act to regulate commerce and the various Acts amendatory thereof, to fill out, sign, and deliver to each shipper a bill of lading of the form and substance to be approved by the Interstate Commerce Commission. In case any such carrier shall fail, within three months after the passage of this Act, to prepare and submit to the Interstate Commerce Commission for approval such bill of lading, then the Interstate Com-



merce Commission shall, at the end of three months, prepare and furnish such carrier a form and body of such bill of lading with sufficient blank spaces to permit the insertion of all descriptions, terms, and stipulations which are needed to be used in addition to such general and usual terms as are common to all bills of lading. The Interstate Commerce Commission may provide by order and in such forms for the issuance and use of such duplicate or triplicate copies as the custom or necessity of the case and the convenience and security of the parties may require.

Sec. 2: That it shall be unlawful for any agent of any carrier engaged in interstate commerce pending the actual delivery to said carrier for shipment of any property or freight of any character actually being delivered to such carrier for transportation to issue or deliver to any shipper or any person for him any receipt or bill of lading for said shipment until all of the property or freight mentioned in said bill of lading has been delivered to said agent and has actually been received into the possession and custody of the carrier he represents. A violation of this provision shall be held and deemed a misdemeanor, and on conviction the agent so issuing or delivering the premature bill of lading shall be fined not exceeding five thousand dollars or imprisoned not exceeding five years, either or both in the discretion of the court. A shipper, or any person for him, accepting or soliciting such premature bill of lading before the delivery to the carrier of the property has been completed shall be guilty of the same offense, and on conviction shall receive the same punishment. A bill of lading prematurely issued under such circumstances when freight is actually being delivered for transportation, shall be good and valid in the hands of an innocent third party, either a bona fide purchaser thereof for value or an innocent bona fide holder of the same as security for loan or advancement thereon.

Sec. 3: That it shall be unlawful for any person, agent or any carrier engaged in interstate commerce or otherwise, to issue and deliver in the name of such carrier to any person any receipt, statement, or bill of lading reciting the reception of property for transportation and delivery when in fact no property has been received by such carrier nor offered to such carrier for transportation. It shall likewise be unlawful for any person other than the agent or officer of said carrier to ask, solicit, or accept any such receipt, statement, or bill of lading reciting the reception of freight or property for shipment when, in fact, no freight or property was actually delivered to said carrier or intended or offered to said carrier for transportation. Any such person so offending shall be guilty of a misdemeanor, and on conviction shall be punished by a fine not exceeding five thousand dollars, or by imprisonment not exceeding five years, either or both in the discretion of the court. In addition thereto all persons so participating in forging such false bill of lading shall be liable for all losses sustained by any person by reason of the issuing of such forged bill of lading.

Sec. 4: That it shall be unlawful for any bank, or any agent or officer thereof, to accept from any holder thereof any bill of lading for the purpose of making or securing an advance of money thereon, without first ascertaining by actual inquiry and investigation that the shipment described in the bill of lading was really delivered to the carrier whose agent purported to have signed said bill of lading. Any bank or agent or officer thereof violating this provision shall be guilty of a misdemeanor, and on conviction thereof the bank shall be punished by a fine of not exceeding five thousand dollars, and the agent or officer thereof thus accepting said bill of lading shall on conviction be punished by a fine not exceeding five thousand dollars or imprisonment not exceeding five years, either or both in the discretion of the court, and in addition thereto both the bank and such agent or officer shall be liable to any subsequent holder or indorsee or assignee of said bill of lading for all losses sustained by reason thereof.

Sec. 5: That it shall not be lawful for any carrier engaged in interstate commerce to deliver at the destination of the freight described in any bill of lading to any person, either consignor, consignee, or assignee, any part of the property described in the bill of lading unless the original bill of lading is first produced or its absence satisfactorily accounted for. Any violation of this provision by any agent or officer of any carrier shall be deemed a misdemeanor and such officer or agent so offending shall, on conviction, be punished by a fine not exceeding five thousand dollars or imprisonment not exceeding five years, either one or both in the discretion of the court, and

in addition thereto the carrier shall be liable to any bona fide assignee of such bill of lading for the value of the property represented thereby and therein. Any person demanding and receiving from said carrier such shipment, or any part thereof, without producing or accounting for the bill of lading, shall be guilty of the same offense, on conviction shall receive the same punishment, and shall be held to the same liability to the true holder or owner of the bill of lading.

## TRADING IN FUTURES

Grain and seeds are international commodities. Supply and demand of the world make the price. It is an open, square game, full of uncertainties and great possibilities. Providence does the dealing.

*Boards of Trade are not secret societies.* The grain world meets there every day. They are necessary to move the crops. They protect the farmer, furnish a demand when the after-harvest rush is on, provide storage facilities, get the producer and consumer together at the least possible expense and prevent the foreigners from entirely dictating the price. *Futures* enable dealers and millers of moderate means to do business without taking fatal risks and tend to prevent extreme fluctuations. Many do not understand futures. They are merely contracts to be fulfilled in the future. There is a time-limit on the bears. They must deliver or cover in the open market during the month specified unless they do before. Bulls can carry as long as they please. If they wait until the month of delivery specified arrives, the grain will be delivered. They can then carry as cash grain, subject to storage, insurance and interest as long as they please. Only a small margin is required. We furnish the capital to pay for the grain. Both bulls and bears can close their trades any day they please. Three-quarters of all speculators are bulls. That is why advancing markets are the most popular. Premiums on futures are a percentage in favor of the bears and help millers and dealers who hedge against their stocks. Premiums now are more profitable than milling.

*Speculation is not a sure cure for poverty.* Don't flirt entirely with the Goddess of Luck. She and hot tips lead many over the hills to the poorhouse. Study crops, prices and pit conditions and before you indulge, behold the outside world. Don't be prejudiced too much by your local conditions. Your county is but a flyspeck upon the grain map. Wheat, corn and oat crops of the world are each over three billions. Russia now leads the wheat exporters with Argentine second. Russia always did and will lead on rye, which is more popular in Eastern Europe than wheat bread. United States raises only a fifth of the wheat, quarter of the oats, eighth of the barley, tenth of the potatoes, two per cent of the rye and one of the world's rice crop. We raise three-quarters of the corn and cotton crops, but Argentine exports as much corn. Europe raises over half of the wheat crop of the world, but Germany produces more potatoes than Europe does wheat. United Kingdom is always the largest and most patient buyer of wheat and flour. Wheat feels the export value more than corn and oats, which are nearly all consumed in the states where raised. New conditions are constantly arising. Reciprocity is now a factor. Elevator congestion at most terminal markets has had a depressing effect and caused some bargain sales. Big stocks have caused big premiums on futures. When the new corn crop moves where will they put it?—C. A. King & Co.

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## DIRECT REDUCTION TABLES

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reduce any weight of wheat from 100 to 5090 pounds by ten-pound breaks direct to bushels of 60 lbs.; 60 lbs. with 1 lb. dockage; 60 lbs. with 2 lbs. dockage; 60 lbs. with 3 lbs. dockage; 60 lbs. with 5 lbs. dockage; Timothy Seed, 45 lbs.; Barley, Hungarian Grass Seed and Corn Meal, 48 lbs.; Barley, 50 lbs. and Buckwheat, 52 lbs.

Nine tables, printed from large type on card board, size 10½x11½ inches, and the equivalent in bushels of each weight is shown beside it, so it is impossible to get the wrong reduction. Price, 50 cents.

**GRAIN DEALERS JOURNAL**

315 S. La Salle Street

CHICAGO, ILL.



## BACK TO NATURE.

A hen is not supposed to have much common sense or tact, yet every time she lays an egg she cackles forth the fact.

But Man, the greatest masterpiece that Nature could devise, will often stop and hesitate before he'll Advertise!

## Supply Trade

Chicago.—Inquiries are coming in heavily and business is very good.—W. H. Kaiser, Sec'y Weller Mfg. Co.

Milwaukee, Wis.—Articles of incorporation were recently filed by the Morris Grain Dryer & Salvage Co., with capital of \$150,000.

Minneapolis, Minn.—Oscar C. Stafford, age 82, died in this city recently. He invented the Stafford round cornered elevator bucket.

Chicago, Ill.—The Ellis Drier Co. has received contract for a drier with capacity of 700 bu. per hr. from the Ralston Purina Co., St. Louis, Mo.

Silver Creek, N. Y.—The S. Howes Co. calendar for September illustrates two effective savers of time and money—the Eureka Sack Turner and Sack Cleaner.

A good demand for galvanized iron grain bins from Minnesota, North Dakota and Montana is reported by a Duluth manufacturer.

Chicago.—We are getting lots of inquiries; business is humming. The month of August was the biggest in the history of the B. F. Gump Co.—W. M. Williams, Sec'y & Treas.

Chicago.—From Sept. 1st the Richardson Scale Company will be represented in Ohio and Indiana by Mr. G. H. Baxter of Indianapolis. Mr. Baxter has had 14 years' experience in the scale business with the Fairbanks-Morse Company.

Chicago, Ill.—Birmingham & Seaman Co. is sending to grain dealers a letter descriptive of its "Burmite" material, for the roofing and siding of buildings, together with samples of this well known fire preventer.

Maroa, Ill.—A new 3-bottom motor plow is now being perfected by the Maroa Mfg. Co. This plow succeeds the 2-bottom 2-cyl. opposed type which was experimented with last fall. Local observers applaud the performance of this plow and the principles involved.

Chicago, Ill.—The Hess Warming & Ventilating Co. is building an addition to its Western Ave. factory, 73x125 ft. The addition is made necessary by the demand for the Hess Driers, Conditioners, Moisture Testers, Lockers, Cabinets and Furnaces—a large recent order being from The Webster Mfg. Co. for clothing lockers in its new plant at Tiffin, O.

Chambersburg, Pa.—The Wolf Co. has just published its catalog No. 9, and is prepared to send it to all interested readers of the Journal. No expense has been spared, and it has been made one of the most elaborate to the mill and elevator trade. Attractively bound, printed on heavy paper, and with many excellent illustrations, it should be made very welcome by all mill owners and operators.

Springfield, O.—The Howe Scale Co. of Vermont has recently contracted for the entire output of the Winters-Coleman Scale Co. The company, to be known as

the Automatic Scale Dept. of the Howe Co., will be operated from the Rutland office, and the plant at Springfield will be continued with an increased force, towards its greater output. The line includes the hopper scale for automatic weighing, invented by Andrew Sonander, supt. of the plant.

What must be classified as a text-book on elevating, conveying and power-transmitting machinery is the latest catalog of the Weller Mfg. Co., a copy of which we have just received. This is considered to be one of the most complete books ever published on this class of machinery, and this fact seems fully substantiated by the book itself. No fewer than 575 pages are contained in this encyclopedia of WELLER-Made products. The appearance of the catalog is very fine, being bound in blue cloth covers with the lettering in white. It measures 6½ by 9½ and is 1¼ inches thick. The size makes it convenient for easy reference and takes up but little room on the desk. One is struck by the thoroughness and completeness in describing the various specialties and the excellence of the illustrations. The descriptions are no more technical than is necessary and are arranged so as to be readily understood. Copy of this new catalog will be sent free upon request to Journal readers.

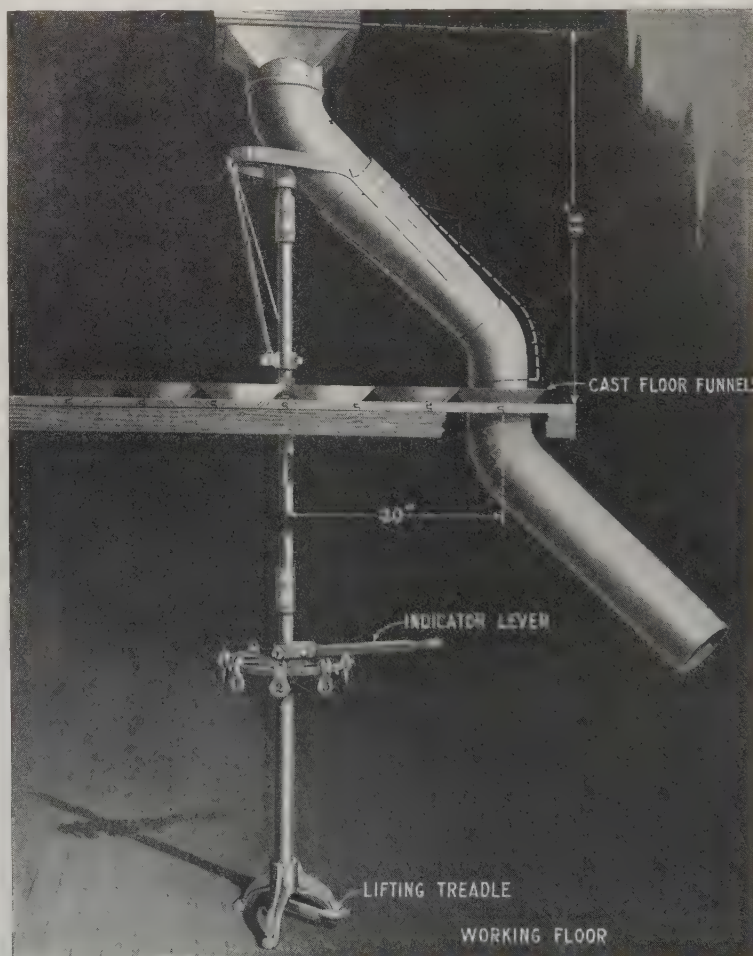
Automatic Scales are coming very much to the front nowadays when a new terminal or country elevator is being built. The Richardson Scale Company has been successful in securing a large number of these orders for automatic scales, and has just received an order from the Hansen Malting Co. of

Milwaukee, Wis., for two large scales, each of these to weigh 7,500 bus. of malt and barley per hour. These scales will shortly be installed and no doubt will be inspected by many visitors to that malt house, which is built entirely of concrete and we believe is the first malt house built entirely of that material. Other large contracts taken recently was one from the Quaker Oats Company for 42 automatic scales. That company previously had in use about 20 Richardson Scales and they will thus now have a total of about 62 scales. These are to be used for checking the cereals throughout their various plants. A terminal elevator installation for receiving and shipping grain is that of a 5,000 bus. per hour scale at the Illinois Traction System's terminal elevator at Glover, Ill. We expect before many years automatic scales will be used in every terminal elevator.

## WESTERN IMPROVED DISTRIBUTOR.

The Western Improved Distributor is primarily designed to distribute grain as it is discharged from the elevator head or cleaner to various bins, storage tanks, or direct to cars, without mixing. Being operated from the working floor, it saves many steps and much confusion as compared with the old method which necessitated climbing to the turnhead every time a change was necessary.

The Western Improved Distributor consists of a combination of the Union Iron Works' ballbearing turnhead, a cast iron floor funnel for each bin or distrib-



The Western Improved Distributor.



uting point, enough steel spout with flexible elbows to connect, indicator stand with numbers, indicator rod and lifting device.

By simply placing the foot on the lifting treadle and bearing down slightly, the distributor spout lifts clear of the floor funnel in which it rests. Then by turning the indicator lever, it will swing to any other funnel within the circle of its radius, their locations being indicated by the numbers on the ring of the indicator stand. Remove the foot from the treadle and the spout will drop into place, making a perfectly tight joint.

Every part of this device is simple and durable, nothing to get out of order or cause the least trouble. The lifting is done by a heavy wire running through the indicator rod or pipe, from the turnhead to the foot treadle below. The downward turn of the distributing spout is made of cast iron so that, by continual use, it will not become battered and bent out of shape as would be the case if made of sheet steel.

The turnhead is ballbearing and can be operated with ease by a child. This system of spouting an elevator is the most simple, economical and effective ever devised. It is manufactured in four sizes. The Union Iron Works, Decatur, Ill., the designer and manufacturer, will cheerfully furnish further information upon request.

## ARNOLD & RAPP'S ELEVATOR at Geneseo, Ill.

Geneseo, Ill., is one of the good shipping stations on the Rock Island, and has two elevators. The modern elevator of Arnold & Rapp, illustrated herewith, is located on the ground of the owners, which adjoins the right of way of the C. R. I. & P. R. R. It is a cribbed elevator, 65x20 ft. and 50 ft. to the plate.

The house contains 12 bins and 2 dumps, 2 legs, sheller and cleaner. Grain is spouted direct to cars by an 8 in. well casing. In the engine room, which is 18 x20 ft., a 20 H. P. electric motor has just been installed. A store room for cobs, 14x20, and a dust room are near at hand. Likewise office and wagon scales.

The firm also deals in coal, and has close to its office a new coal shed, 80 by 14 ft. wide, with concrete floors.

If more elevator agents had "the initiative" fewer would need the "recall."

Hay is so high that the consumer buys only what is needed for immediate use.—Edward Stritmatter, Columbus, O.



Arnold & Rapp's Elevator at Geneseo, Ill.

## Cobs

The B/L clearing house plan of New York bankers is branded as an insult by the directors of the New Orleans Cotton Exchange. Get together, gentlemen.

All records were broken in the Anoka, Minn., potato market, Aug. 3, when 10,802 bus. were bot and \$11,345 paid out for them to farmers; 200 big wagon loads were weighed on four scales. One buyer shipped five carloads.

A country grain merchant should buy his grain from the farmers at a price that will insure him a profit immediately. More grain men go "broke" by holding cash grain in their elevators than in any other way. They may hit it for several years, but sooner or later the inevitable will happen.—Harry W. Kress.

Present pressure of country oats forces them below what we think their proper value. I look for higher prices to prevail during the coming winter. Uncertainty of outcome of corn crop makes buyers uneasy and they hesitate about buying at current prices. It looks like the 1911 crop will sell considerably higher than the crop of 1910. I expect to see the prevailing prices of wheat during the last half of the crop year to be around the dollar mark.—Wm. B. Dupuy.

For some time considerable trouble has been experienced in discharging grain cargoes at the docks of Leith, Scotland. The men's attitude really amounts to a boycott of the mechanical system of discharging and warehousing grain, as they refuse to work any part of the cargoes of vessels which have been partly discharged by the grain eltr. or which will afterwards be sent to the eltr. The dock commission is considering introducing portable elevators.

"What is beer?" is the question now engaging the attention of the federal board of food and drug inspection. If the definition of the amber fluid excites as much controversy as did the four-cornered fight between Wiley, former Pres. Roosevelt, Tama Jim and a Canadian distiller regarding what is whisky the brewers will have an interesting time, also the manufacturers of corn goods, who are largely the brewers themselves, and rice dealers. Barley growers and maltsters have recently been heard by the government board in a protest against the designation as beer of the product of malt substitutes.

## GRAB'S POPULAR NOVELTIES



### GRAB'S FOOT SCRAPER

Appeals chiefly to housewives. In the interest of clean houses and sanitation—Cleans the sole by means of ten parallel enameled cleaning plates and brushes sides of shoe at same time. Keeps dust, dirt, mud and germs out of the house. Easily rotated and cleaned or swept under. Fastens on step, walk or any handy place. Lasts a lifetime. Sanitary. Teaches cleanliness. Thousands of them in use both city and country. Price only \$1.00.

### GRAB'S Lucky Horse Shoe BANK



A hit with both children and grown-ups. Teaches the saving habit. May be worn on watch

chain or key ring, or carried in pocket. Made of brass heavy nickel-plated. Lasts forever. Opens automatically when 10 dimes are deposited. Cannot be opened otherwise. Price 10 cents, postpaid.



### GRAB'S WONDER LIGHTER

A new and taking novelty just out. Produces a spark which lights all gas and gasoline burners. Each lighter good for 5,000 lights or flashes. Nice to hang on every gas jet in the house. Does away with litter of half burnt matches and prevents unsightly scratching of wall paper or woodwork. Price 10 cents, postpaid.

Write for Best Prices at once

**Victor M. Grab & Co.**

1102 Ashland Block

CHICAGO, ILL.



## Patents Granted

**Screw Conveyor Hanger.** No. 1,002,378. (See cut.) Maurice H. Emmerich, La Salle, Ill. The conveyor box carries a pair of slotted arms thru which extend the hanger carrying bolts. The hanger carries the journal box in which is mounted a sectional sleeve coupling connecting the ends of the conveyor shafts.

**Grain Door.** No. 1,002,436. (See cut.) Geo., Chas. and Arthur Paget, Huntsville, Ont., Can. In the doorway at each end of the door is a vertical grooved member having offsets formed in the groove and tongue members secured on the face of the door and slidable longitudinally of the door into the groove of the grooved members.

**Grain Door.** No. 1,001,871. (See cut.) Oswald Macfarlane, Toronto, Ont. A grain door provided with locking means comprising a diagonally movable retaining strip adapted to engage one edge of the door and having its bottom edge cut parallel to its line of movement, means for operating such strip and a flanged member overlapping the lower end and forming a guide, retaining the latter against displacement.

**Car Seal.** No. 1,001,209. (See cut.) John J. A. Miller, Denver, Colo. A strip of material easily breakable by bending in opposite directions, the strip being bent into a suitable form and having a slot in one end and a hook on the opposite end adapted to be passed thru the slot and bending points formed by removing a portion of the material transversely of the length of the strip.

**Automatic Weighing and Recording Car Scale.** No. 1,001,635. (See cut.) Geo. Goetz, Chicago, Ill., assignor to Streeter-Ames Weighing & Recording Co., Chicago, Ill. The combination with a scale beam, of a counterbalance spring connected thereto and a compensating weight, holding the counterbalance spring under an initial tension and ball bearing connections between the meeting ends of the springs.

**Grain Door.** No. 1,001,036. (See cut.) Frank W. Hugunin, Waseca, Minn. Doors mounted in door openings and arranged to be moved from a position to close the door openings to idle positions at the top of the car body, a rod adapted to connect the doors when in their closed positions and to support them when in their idle positions and means for securing the rod to the car body when used as a support for the doors when in their idle positions.

**Belt Conveyor.** No. 1,000,974. (See cut.) Louis Anderson, Chicago, Ill. In combination, a roller, a continuous web turning over the roller, a gear pinion journaled in a fixed support at each side of the web, the two pinions being in alignment, a rack bar engaging each of the pinions, a bearing for the roller carried by each of the rack bars, a crank for turning one of the pinions and a removable jointed shaft rotatably connecting the pinions.

**Car Seal.** No. 1,001,878. (See cut.) John J. A. Miller, Denver, Colo. In a seal, a wire having one end shouldered; a tubular housing secured upon the opposite end of the wire, a portion of which is turned in upon itself and bifurcated to form opposite spring jaws, annular shoulders being formed upon the housing and upon the in-turned portion, which engage each other, the jaws provided with shoulders adapted to engage and hold the shouldered end of the wire when the same is inserted in the housing.

**Portable Grain Elevator.** No. 1,002,014. (See cut.) John F. Vallentyne, Minneapolis, Minn. The combination with an elevator leg and a conveyor working therein, of a lever pivotally mounted at the upper end portion of the leg, a connection

for oscillating the lever, a delivery spout pivotally connected to the lever at a point distant from the lever supporting pivot, and means for locking the spout to the lever for common pivotal movements therewith, and for releasing the spout so that it may move pivotally in respect to the lever.

**Feed Blending Machine.** No. 1,001,508. (See cut.) James Archibald Craig, Toronto, Ont. A stationary casing having a longitudinal feed opening in the top thereof and an outlet opening thru the bottom, means for closing the outlet, a shaft rotatably supported in the ends of the casing and extending there thru, right and left hand spirally arranged blades, each extending the full length of the casing and rigidly connected to the shaft and adapted to be rotated within the casing and to move in relation to its inner surface, and means for rotating the shaft and spiral blades.

**Bag Filling Machine.** No. 1,001,855. (See cut.) Emil Jagenberg, Dusseldorf, Germany. A machine comprising a carrier, a plurality of measuring vessels, each measuring vessel being composed of an upper section secured to the carrier and a valve-controlled lower section telescoping the upper section, a support for the lower section, a sleeve depending from the support, rods depending from the sleeve, levers pivotally connected to the rods, a threaded screw rod connected to the levers, a second oppositely threaded screw rod and a right and left nut engaging both screw rods.

**Drying Grain.** No. 1,001,259. (See cut.) Wynn E. Ellis, Chicago, Ill. The combination of a grain shaft, a supply chamber and an exhaust-chamber in communication with the grain shaft, a heater, means for forcing air thru the heater and into the supply chamber, means dividing one portion of the exhaust-chamber from another so that the exhaust from the drier will be divided and an air-duct leading from one of the portions of the exhaust-chamber and communicating with the supply chamber, so that the hot air from the heater and the impregnated exhaust will be mixed and supplied to the supply-chamber and be forced thru the grain shaft.

**Grain Door.** No. 1,001,468. (See cut.) William Henry Sleep, Montreal, Que. A doorway frame having vertical slide-ways arranged in the inner sides of the frame and openings thru the outer walls of the slide-ways at the upper end, the slide-ways having vertical openings thereto from the lower to the upper end thereof, a door section having flanges extending from the sides thereof into the vertical openings; means projecting from the flanges for holding the door in the slide-ways, and an upper door section having flanges extending from the sides thereof into the vertical openings and means projecting therefrom at the upper side for holding the door in the slide-ways.

## Supreme Court Decisions

**Principal and Agent.**—The general manager of a stock brokerage firm in charge of a branch was authorized to receive a protest by a customer such as prevented an account from becoming stated.—*Schultheis v. Caughey*. Supreme Court of New York. 130 N. Y. Supp. 373.

**Landlord and Tenant.**—A contract between the owner of land and another for such other to till it and yield to such owner a certain proportion of the crop creates a tenancy in common between them in the crop, tho the agreement is a lease.—*Fuhrman v. Interior Warehouse Co.* Supreme Court of Washington. 116 Pac. 666.

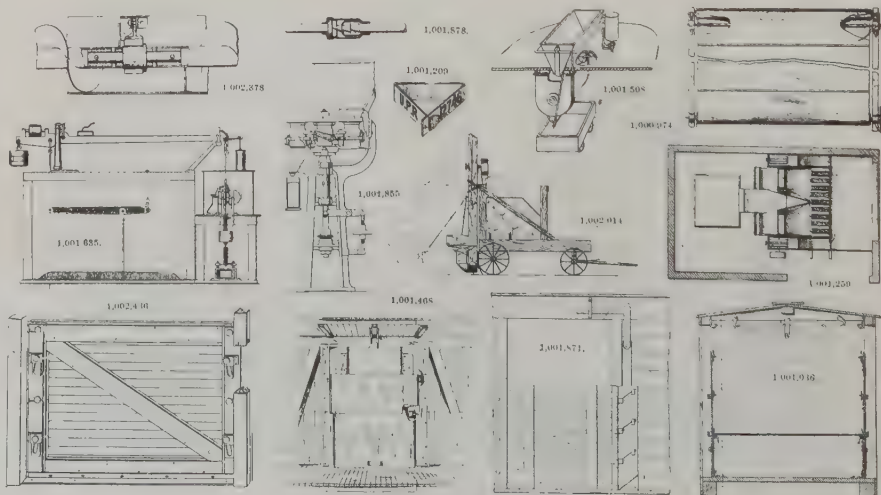
**Delivery at Siding Where No Agent.**—A carrier and shipper could contract that property, destined to a station at which there was no regular agent or depot, when delivered on the siding, should be considered delivered to the consignee and afterwards held at his risk.—*Southern Ry. Co. v. Barclay*. Appellate Court of Alabama. 56 South. 26.

**"Good Merchantable Hay."**—Where a contract was made for the sale of 300 tons of "good merchantable" hay to be baled and shipped, the words "good merchantable" is descriptive of the quality of the hay required by the contract, and means such hay as is vendible on the market, or salable on the market at the ordinary price on such market.—*Trego v. Arave*. Supreme Court of Idaho. 116 Pac. 119.

**Carrier Bound to Account for Quantity Named in B/L.**—A carrier issuing a B/L for a specified quantity of freight is estopped to deny the receipt of such freight as against a consignee in good faith relying on the statement of the B/L, paying a draft drawn on him by the shipper for the quantity of freight designated in the B/L.—*Smith v. Southern Ry. Co.* Supreme Court of South Carolina. 71 S. E. 989.

**No Recovery of Money Advanced for Trade in Futures.**—An agent cannot recover from his principal money which he has advanced for the purchase of cotton futures for the principal; hence, such a transaction cannot be successfully asserted as supplying any part of the consideration of a promissory note given to secure future advances.—*Mixon v. Walker & Walker*. Court of Appeals of Georgia. 71 S. E. 1007.

**Negotiation of Forged Bs/L.**—Where forged negotiable ocean Bs/L were negotiated by a third party, who acted merely as an intermediary for the owner, the bills being negotiated on the blank indorsement of the owner, the third party is not liable





to the purchasers, even though he received the consideration of the Bs/L in payment of a debt due him from the owners, and though he had received assets from the owner to protect him from claims upon these Bs/L.—*Moritz & Pincoff v. Adoue & Lobit*. Court of Civil Appeals of Texas. 138 S. W. 1140.

**Authority of Carrier's Agent.**—An agent of a railroad company, while bound to receive goods for transportation, has the right to limit his company's liability to liability for negligence on its own line, but, where the agent fails to do this and issues a B/L for shipment over the line of a connecting carrier, the right is lost, and a provision in the B/L prohibiting the agent from contracting for shipment beyond the defendant's line becomes a nullity.—*Miller v. Missouri, K. & T. Ry. Co.* Kansas City Court of Appeals, Missouri. 138 S. W. 902.

**Carrier Liable in Damages for Delay and Decline in Market.**—Where it was found, in an action for damages for delay in delivering cotton, that the price tended to decline from the time of the delivery until the cotton was actually sold, and that the loss sustained by plaintiff was greater than that actually proved, error in instructing that the measure of damages was the difference between the market price of cotton on the day the shipment should have been delivered and the day it was delivered was not prejudicial to defendant railroad company.—*Farmers' & Spinners' Co. v. Atlantic Coast Line R. Co.* Supreme Court of South Carolina. 71 S. E. 991.

**Immediate Shipment.**—The word "immediately," as employed in a contract which calls for shipment immediately, means, ordinarily and unexplained, "forthwith; at once"; and while the celerity implied from such terms excludes the idea of reasonable time, as understood in legal parlance, where no time is specified, some appreciable time must be allowed under a contract containing such terms, which necessarily lapsing time would be a reasonable time in a sense referable to the urgent words.—*Clauss Shear Co. v. Alabama Barber Supply Co.* Appellate Court of Alabama. 56 South. 49.

**Agreement for Payment of Difference.**—Where the real intention of both parties to a "call" or option for the future delivery of grain is that, if the holder exercised his option, no contract for the purchase and sale of wheat would be made, but, in lieu thereof, the seller should pay the holder the difference between the price agreed upon and the market price at the time of closing the "call," or if the intention of both parties is to make such contract, but not to make delivery thereunder, but that it should be settled by the payment of such difference, it is mere wager and unenforceable.—*Taylor v. Sebastian*. St. Louis Court of Appeals, Missouri. 138 S. W. 549.

**Crop Mortgage.**—A mortgage of crops to be grown in the future does not create a specific lien upon or title to such crops when grown, unless at the time of its execution the mortgagor owned or had some interest in the land upon which the crops were grown; and this rule is not affected by Code 1907, § 4894, since the effect of that section is to transmute into a legal title that which before would have amounted to a mere equitable title or claim, and it does not undertake to make a legal title out of something which before its enactment did not confer any title or claim, either legal or equitable.—*Farmers' Union Warehouse Co. v. McIntosh*. Appellate Court of Alabama. 56 South. 102.

**Collection of Forged Drafts.**—Where drafts, to which forged Bs/L for cotton were attached, were deposited in the drawer's home bank for discount and the bank, after discounting the draft in good faith, sent it to defendant bank for collection, and plaintiffs, the drawees, accepted the draft, and the proceeds were remitted by defendant to the bank of discount before the forgery was discovered, defendant was but the agent of the discounting bank, which was a bona fide holder for value, and defendant having received payment,

and paid over the proceeds to such bank without knowledge that the B/L was spurious was freed from liability.—*Springs v. Hanover Nat. Bank of City of New York*. Supreme Court of New York. 130 N. Y. Supp. 87.

**Limitation of Carrier's Liability.**—Under Rev. St. 1895, art. 3379, as amended by Laws 1907, c. 129, providing that no stipulation in any contract requiring notice to be given of any claim for damages as a condition precedent to the right to sue thereon shall be valid, unless such stipulation is reasonable, and that one fixing the time for notice at a period less than 90 days shall be void, a stipulation in a B/L that a railroad company shall not be liable, unless notice of claim for loss or damage shall be given within 90 days after such loss shall occur, is void, because the statute gives the claimant full 90 days as the shortest time within which he may contract to present his claim, and any abridgement annuls the contract; while the stipulation in this case requires notice to be given before the expiration of 90 days.—*Smith v. International & G. N. R. Co.* Court of Civil Appeals of Texas. 138 S. W. 1074.

**Construction of B/L.**—Where a carrier accepts a shipment of freight to a place on its own line of railroad, and stipulates in its B/L that "the company agrees to carry said property to destination if on its road," and enters on the B/L after the designation of the property, "C/O W. & A.," which characters when indorsed on the B/L are proved to mean "in care of the Western & Atlantic Railroad Company," such B/L will be construed to mean that the receiving carrier obligates to transport the shipment over its own road to destination and there to deliver it to the Western & Atlantic Railroad Co. for the benefit of the consignee, and not to mean a delivery of the shipment at a junction point outside of the place of destination to the Western & Atlantic Railroad Co. to be transported to destination by the latter company.—*Louisville & N. R. Co. v. Southern Flour & Grain Co.* Supreme Court of Georgia. 71 S. E. 884.

**Use of Mailing List by Former Manager.**—After a brokerage firm had been dissolved by the death of the member who had contributed all its capital, and the winding up of its business, required by the will of deceased, was nearly complete, A., who had been manager of its cotton department, openly, and after asking permission of the liquidating partner, to which no answer was given, copied names from the mailing list of the firm, and used the copy in sending out circulars, stating his prior connection with such firm, and that he had associated himself with another firm. Held, that thereby he was not guilty of dishonesty within Code Civ. Proc. § 2612, subd. 5, declaring one incompetent to serve as an executor who, on proof, is found by the surrogate to be incompetent to execute the duties of such trust by reason of dishonesty.—*In re Latham's Will*. Supreme Court of New York. 130 N. Y. Supp. 535.

**Damages for Breach of Malting Contract.**—In an action for breach of a contract, by which plaintiff agreed to malt a minimum number of bushels of barley for defendants during the season at a stated sum per bushel, where the breach consisted in the refusal of defendants to furnish the barley, on the question of damages, the testimony of an expert accountant showing the cost per bushel of malting in plaintiff's plant during the season, together with an estimate based on proven facts of how much the actual cost would have been reduced if defendants had performed their contract, was not inadmissible because the transactions recorded in large part took place after the breach and after suit brought. Such estimate was not admissible, however, where it was based in part on hearsay evidence and in part on book entries not properly proven or for other reasons not themselves admissible.—*Feuchtswanger v. Manitowoc Malting Co.* U. S. Circuit Court of Appeals. 187 Fed. 713.

# FOR SALE

Two No. 3 Hess Driers Complete, with Cooler and Steam Coils.

In first class condition having been in use only two years.

Immediate delivery. Price \$650 each, F.O.B. Cars, Chicago.

Address,

# DRIER

746 Postal Telegraph Building, Chicago, Ill.



### Five Elevators Burned at Oldham, S. D.

Five grain elevators on the C., M. & St. P. R. R. at Oldham, Kingsbury County, S. D., were burned on the afternoon of Aug. 29th, as the direct result of what now appears to be carelessness. Altho Oldham has less than 400 people, it did have 6 elevators, all built on the same side of the Milwaukee tracks, as is shown by diagram at bottom of this and facing pages.

The fire started in the house owned by Larkin & Metcalf, which is marked "1" on the right hand diagram. A strong wind was blowing from the southeast, and as the town had no fire fighting apparatus, the fire quickly communicated to the other buildings located along the track. As shown by diagram, the 4 plants first to burn were located close together. Their track frontage is indicated, likewise the space between those which did not adjoin. Altho the last elevator to burn was 650 ft. from Jones Bros.' plant its destruction was quick and complete.

The fire started in Larkin & Metcalf's elevator and quickly communicated to the adjoining house of George & Brown Co. Next came the house of E. W. Ketcham, whose elevator was small, but was adjoined on either side by warehouses and coal bins. From this, fire quickly communicated to the coal bins of Jones Bros.' Grain Co. Then it jumped to the coal bins of the Farmers Elevtr. Co. 500 ft. away, and last the depot between these two elevators was also burned. The only elevator remaining at Oldham is that of W. I. Thompson, which was some distance south of Larkin & Metcalf's elevator, where the fire started. It was protected by the strong wind.

All these buildings were afire within 27 minutes from the time the fire was first discovered, and within one hour and 40 minutes all the buildings were heaps of ashes. The wind was blowing in north-westerly direction, and it required the entire attention of the bucket brigades to save the wooden structures on the street along the railroad from being burned. The people of the town exerted themselves to save their buildings, and let the elevators burn.

Crops have been so short in the vicinity of Oldham that the five houses contained only about 25,000 bus. of grain all told, so there is not much probability of the plants being rebuilt this season.

The first four elevators were so close to one another as to make the exposure unusually hazardous. Investigation since the fire has developed the fact that the elevator of Larkin & Metcalf, which has been closed for some time, was discovered on fire on the afternoon of Aug. 12th. The plant was broken open, and the fire in the pit quickly extinguished.

The opinion prevails that this fire was directly due to the heating of musty, damp grain, which had been left in the pit when the elevator was closed. In order to extinguish the fire, a large volume of water was poured into the pit, and this is credited with having helped start the second fire, as it was discovered inside the house.

It would not have required much work to have cleaned out the pit, but those responsible for the care of the building did not seem to be sufficiently impressed with the advantage of doing so. The plants were all insured.

### NEW COMMITTEES NATIONAL Hay Ass'n.

For the ensuing year the following committees have recently been appointed by the National Hay Ass'n:

**Arbitration Committee**—H. G. Pollock, Chairman, Middle Point, O., W. L. Fain, Atlanta, Ga., C. S. Carscallen, Jersey City, N. J., C. F. Dimond, Mayville, Mich., J. A. A. Geidel, Pittsburg, Pa.

**Conservation of National Resources**—E. H. Rich, Chairman, Ledyard, Iowa, T. H. Bunch, Little Rock, Ark., G. S. Loftus, St. Paul, Minn., H. S. Grimes, Portsmouth, O., G. W. Voris, Stewardson, Ill.

**Grades**—Maurice Niezer, Chairman, Fort Wayne, Ind., S. W. Kemp, Spencer, O., Albert Todd, Owosso, Mich., Chas. England, Baltimore, Md., H. H. Freeman, Chicago, Ill.

**Transportation**—H. W. Robinson, Chairman, Greenspring, O., C. B. Stafford, Memphis, Tenn., Joseph Gregg, Atlanta, Ga., J. A. Heath, Richmond, Mich., C. E. Nichols, Lowell, Ind.

**Legislation**—J. B. Daish, Washington, D. C., C. J. Austin, Chairman, New York, N. Y., H. H. Dean, Bluffton, Ind., L. W. Powers, Norfolk, Va., E. D. Rundell, Towanda, Pa.

### Books Received

**GRAIN ELEVATORS** is an 8-page pamphlet describing the bulk grain handling system in use in the United States, and issued by the Dept. of Agriculture, Sydney, New South Wales.

**DRY FARMING**—The conference of wheat growers at Sydney, New South Wales, Australia, with special reference to dry farming is fully reported in Farmers Bulletin No. 42, of 226 pages, issued by the Dept. of Agriculture of N. S. W., Sydney.

**AGRICULTURAL GAZETTE** of New South Wales is a monthly magazine, 6x9 inches, of general information for farmers, illustrated with half-tone engravings and beautifully colored plates. Issued by direction of Donald Macdonell, M. P., Minister of Agriculture, Sydney, N. S. W., Australia.

**BULK HANDLING OF WHEAT** in other countries is fully described and illustrated in Farmers Bulletins 13 and 21 of the Department of Agriculture of New South Wales, Australia, giving much information of great value to grain handlers who contemplate a change in the method of handling from sack to bulk. Dept. of Agriculture, Sydney, N. S. W.

### Crop Improvement Work.

Professor P. G. Holden and Bert Ball, secretary of the Crop Improvement Committee of the Council of Grain Exchanges, will visit New York, Philadelphia and Baltimore to address the members of the grain exchanges there on the crop improvement work, Nov. 16, 17 and 18.

Ten full pages of interesting plate matter will be given away free of all charge to 1,000 country newspapers, or 10,000 plates in all, next year, by the Council of Grain Exchanges in the promotion of better farming methods.

Each page of plates will be made up of timely agricultural talks by the best scientific authorities, edited by the crop improvement committee to make it interesting to the farmer. All branches of industry contributing to the enterprise will be represented in each page; and on the back of the proof of the page will be printed an account of the work of the Crop Improvement Committee, a copy of which will be sent to bankers and other merchants.

"Revista Semanal" is a new weekly newspaper of Buenos Aires, in Spanish, giving the daily market quotations and all information about the grain trade of Argentina.

### Millers' National Insurance Co.

137 S. La Salle St., Chicago, Ill.  
Chartered 1865

Insurance with a maximum of security at a minimum of cost for ELEVATORS, WAREHOUSES and CONTENTS on the Mutual Plan.

Five Year Policies (or short term policies on grain, if required.)

Semi-Annual Assessments costing about one-half Stock Company rates.

Gross Cash Assets . . . \$1,645,117.65

Net Cash Surplus and Permanent Fund . . . 966,846.27

Losses Paid since Organization 7,108,022.20

### MILL OWNERS MUTUAL FIRE INSURANCE COMPANY

DES MOINES, IOWA

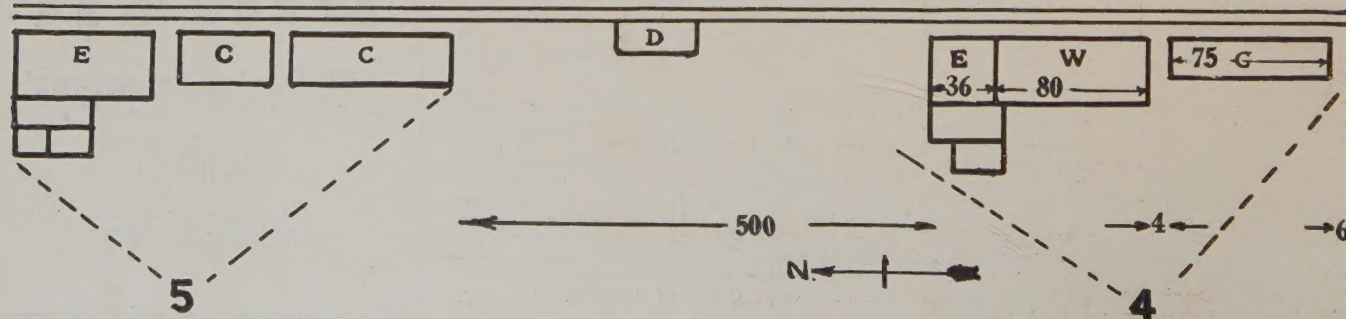
The Oldest Millers Mutual Fire Insurance Company in America.

Cash Assets over \$300,000

J. T. SHARP, Secretary

FIG. 1

The Two Elevators at Oldham, S. D., which were last to Burn.



5—The Farmers Elevator and Coal Sheds. D—Depot. 4—Jones Bros.' Elevator, Warehouse and Coal Shed.



# Fire Insurance Companies

## EVERY POLICY HOLDER IS A STOCKHOLDER IN THE MICHIGAN MILLERS MUTUAL FIRE INSURANCE COMPANY OF LANSING, MICHIGAN

Therefore, every Policyholder is vitally interested in the size of his dividend (deducted every six months from the assessment levied). These dividends may be increased by

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All fires are the same size at the start

70% OF THEM ARE PREVENTABLE 90% ARE EXTINGUISHABLE

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H. M. GILES, Flour Exchange, Minneapolis, Minn.  
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ORGANIZED 1883

## The Western Millers' Mutual Fire Insurance Company

KANSAS CITY, Mo.

CHAS. H. RIDGWAY, Secretary

SAFE INDEMNITY

Flour Mills, Elevators, Warehouses, and contents.

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Remedy these known causes of fires. Then write our nearest office for our low cost on your well kept elevator.



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Never missed a

**DIVIDEND**

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La Salle St., Chicago, Ill.

ORGANIZED 1878

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Insurance in force - \$15,104,436.83

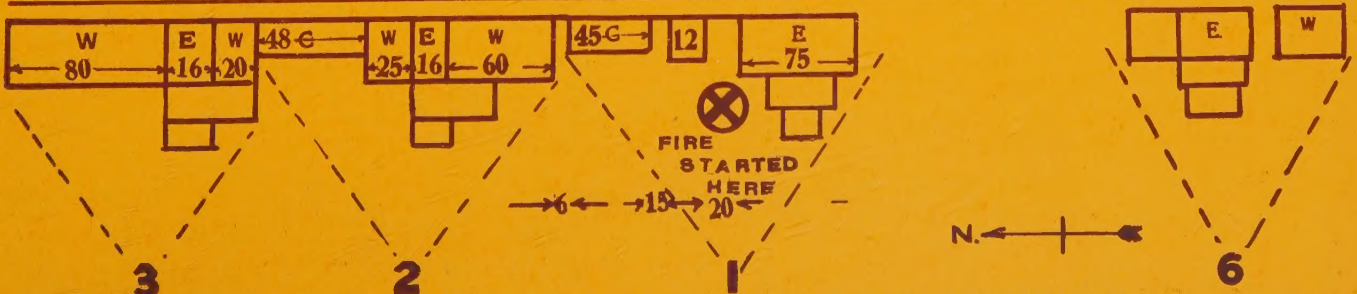
Cash Surplus - - 353,034.68

GEORGE POSTEL, President

G. A. McKINNEY, Secretary

Address all Correspondence to the Company at Alton, Ill.

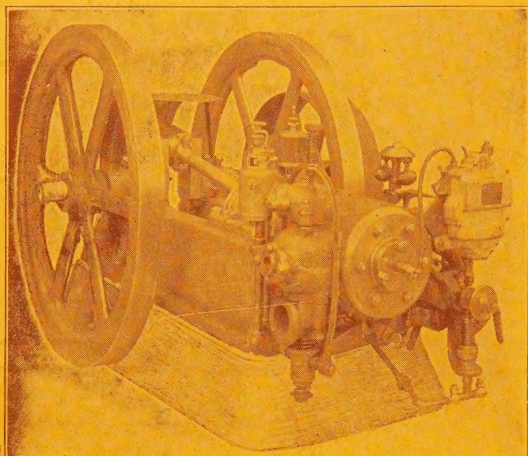
Oldham, S. D., Fire Plants 1, 2 and 3 Burned, 6 Saved.



3—E. W. Ketcham. 2—George & Brown Co. 1—Larkin & Metcalf. 6—W. I. Thompson.  
The track frontage of each building and the spaces between buildings are indicated in feet.



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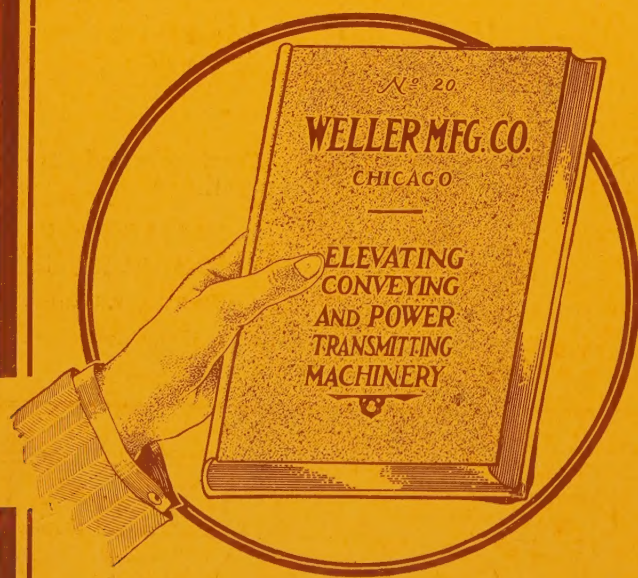
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